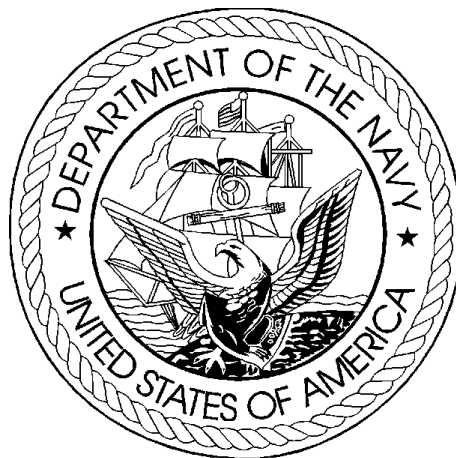


DEPARTMENT OF THE NAVY  
FISCAL YEAR (FY) 2007  
BUDGET ESTIMATES SUBMISSION



JUSTIFICATION OF ESTIMATES  
FEBRUARY 2006

PROCUREMENT OF AMMUNITION,  
NAVY AND MARINE CORPS  
BUDGET ACTIVITY 1

## UNCLASSIFIED

DEPARTMENT OF THE NAVY  
FY 2007 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1508N PROCUREMENT OF AMMO, NAVY &amp; MARINE CORPS

DATE: FEBRUARY 2006

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2005 QUANTITY	FY 2005 COST	FY 2006 QUANTITY	FY 2006 COST	FY 2007 QUANTITY	FY 2007 COST	S E C
BUDGET ACTIVITY 01: PROC AMMO, NAVY									
-----									
NAVY AMMUNITION									
1	GENERAL PURPOSE BOMBS	A		180.6		133.6		119.6	U
2	JDAM	B	6930	151.1	3400	81.5	3400	84.0	U
3	AIRBORNE ROCKETS, ALL TYPES	A		34.0		26.6		15.5	U
4	MACHINE GUN AMMUNITION	A		30.5		23.4		16.1	U
5	PRACTICE BOMBS	A		53.3		55.8		44.6	U
6	CARTRIDGES & CART ACTUATED DEVICES	A		27.7		32.2		34.0	U
7	AIRCRAFT ESCAPE ROCKETS	A		10.6		10.7		11.0	U
8	AIR EXPENDABLE COUNTERMEASURES	A		60.6		67.3		72.9	U
9	JATOS	A		4.5		4.5		4.6	U
10	5 INCH/54 GUN AMMUNITION	A		23.1		26.1		24.5	U
11	76MM GUN AMMUNITION	A		2.8					U
12	INTERMEDIATE CALIBER GUN AMMUNITION	A				1.4		5.7	U
13	OTHER SHIP GUN AMMUNITION	A		19.9		35.7		21.8	U
14	SMALL ARMS & LANDING PARTY AMMO	A		45.2		38.2		32.6	U
15	PYROTECHNIC AND DEMOLITION	A		11.8		14.1		9.2	U
16	AMMUNITION LESS THAN \$5 MILLION	A		5.5		3.1		1.2	U
				-----	-----		-----		
TOTAL PROC AMMO, NAVY				661.3		554.1		497.4	
				-----	-----		-----		
TOTAL PROCUREMENT OF AMMO, NAVY & MARINE CORPS				661.3		554.1		497.4	

UNCLASSIFIED

**Fiscal Year 2007 Budget Estimates**  
**Budget Appendix Extract Language**

**PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS**

For construction, procurement, production, and modification of ammunition, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities, authorized by section 2854 of title 10, United States Code and the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$789,943,000, to remain available for obligation until September 30, 2009, of which \$19,600,000 shall be available for the Navy Reserve and Marine Corps Reserve. (Department of Defense Appropriations Act, 2006.)



## PROGRAM

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## RATING

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## IMPROVEMENT PLAN

[About Improvement Plans](#)

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## PROGRAM ASSESSMENT

### Marine Corps Expeditionary Warfare

Expeditionary warfare is the temporary use of Marine Corps force in foreign countries. The expeditionary warfare program consists of specific investment programs for aviation assets, amphibious ships, weapons systems, equipment, vehicles, ammunition, and research and development.

#### NOT PERFORMING

##### Results Not Demonstrated

- **The Department of Defense has not set long-term performance measures to guide program management and budgeting for expeditionary warfare.** It does not have program measures that assess the most important aspects of expeditionary warfare and its strategic goals.
- **The Department of Defense will review the Marine Corps' lift requirements, both sea and air, and other expeditionary warfare capabilities as part of its 2005 Quadrennial Defense Review.**
- **Marine Corps expeditionary warfare fulfills a distinct role in the national defense.** While both the Army and Marine Corps constitute the Nation's land forces, each force provides unique and complementary capabilities for carrying out military missions. Maritime-based Marines provide a swift and effective means of responding to crises.

**We are taking the following actions to improve the performance of the program:**

- Developing a limited number of meaningful, long-term performance measures for the expeditionary warfare program.
- [Details and Current Status of this program assessment.](#)
- [How all Federal programs are assessed.](#)
- [Learn more about Marine Corps Expeditionary Warfare.](#)

**BUDGET ITEM JUSTIFICATION SHEET****P-40****DATE:****February 2006**

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS**BA 1**014500, GENERAL PURPOSE BOMBS**

Program Element for Code B Items:

Other Related Program Elements

**0204162N**

	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
Quantity												
Cost (\$M)	\$966.3	A	\$180.6	\$133.6	\$119.6	\$123.1	\$150.5	\$130.5	\$122.7	Cont	Cont	

**MISSION DESCRIPTION:**

The BLU-111 ( FY 05, FY 06 and FY 07): The procurement is for expenditure replacement and to maintain war reserve. The BLU-111 A/B is a thermally protected 500 lb bomb filled with plastic bonded explosive (PBXN-109) to enhance its insensitivity.

The Laser Guided Bomb (LGB) guidance units and airfoils (FY 05, FY 06 and FY 07): Procurement will be combined with warheads and fuzes from inventory. These procurements are to accommodate training and improve the war reserve posture. The LGB production rate in FY05 was reduced to minimum sustaining rate.

The BSU-33 Conical Fins, BSU-86A/B Fins, BSU-85 Fins and MK 83 Conical Fins (FY 05, FY 06 and FY 07) : Procurement is to replace expenditures and to maintain war reserve.

The BLU-110A/B ( FY 05, FY 06 and FY07) : The procurement is for expenditure replacement and to maintain war reserve. The BLU-110A/B is a 1,000 lb General Purpose Thermally Protected Bomb that is loaded with plastic bonded explosive (PBXN-109) to enhance its insensitive munitions performance.

MK 77 Bombs (FY07): The procurement is to sustain training requirements over the FYDP to avoid further impact of an already degraded War Reserve stockpile.

The Product Improvement Program (PIP): The PIP effort is being used to continue investigation regarding hardware coating materials necessary in meeting the Environmental Protection Agency's more stringent requirements. The PIP funding increased to incorporate design changes to the bomb bodies and to incorporate a new explosive fill to improve an Insensitive Munitions performance.

PES/ILS: Production engineering support (PES) and Integrated Logistics Support (ILS) are continuing efforts in support of the procurement of GP bombs and ancillary components. These efforts include providing recommendations and assisting in rapid resolution of maintenance procedure discrepancies to achieve optimum asset readiness; audits, pre-award surveys, post award surveys, post award conferences, First Article Testing or any other technical problems which may arise. These funds are provided in parallel with the FY 05, FY 06 and FY 07 buy of end items.

Dual Mode Laser Guided Bombs (FY05, FY06, FY07): The funding for Dual Mode Laser Guided Bombs provides for a procurement of retrofit kits to integrate GPS/INS guidance to the LGB inventory.

FUZES: The fuze line in FY06 and FY07 was transitioned from JDAM to procure the FMU-143, FMU-139, DSU-33, FMU-140, FMU-159 and FMU-152.

Bomb Subcomponents: The Bomb Subcomponents line is created in FY05 through FY07 to procure Arming Wires, adapters, lugs, nose plugs, etc.

**P-1 SHOPPING LIST**

Exhibit P-5 Cost Analysis						Weapon System						DATE: February 2006	
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE							
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						014500, GENERAL PURPOSE BOMBS							
Cost Code	Element of Cost	ID Code	Dollars in Thousands										
			Prior Years	FY 2005			FY 2006			FY 2007			
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	
	<u>GENERAL PURPOSE BOMBS SUBTOTAL</u>					<u>167,053</u>			<u>110,911</u>			<u>99,879</u>	
Q2010	BSU-33 CONICAL FINS (F782)	A	—	26,000	83.47	2,170	26,000	85.04	2,211	10,000	86.56	866	
Q2020	BSU-86A/B	A	—	3,103	1,136.23	3,526				22,016	1,174.66	25,862	
Q2031	BSU-85	A	—	1,260	4,203.67	5,297	10,100	4,308.76	43,518				
Q2032	FMU-139 FUZE	A	—	9,164	872.87	7,999	8,665	807.70	6,999	13,000	827.89	10,763	
Q2170	MK 83 CONICAL FINS	A	—	5,000	178.31	892	4,000	181.27	725	3,000	184.39	553	
Q2191	BLU-111A/B PBX LOAD (F289)	A	—	24,054	2,520.78	60,635	3,263	2,619.03	8,546	4,254	2,677.18	11,389	
Q2192	BLU-110A/B PBX LOAD (F288)	A	—	3,123	5,419.00	16,923	2,000	5,526.32	11,053	1,929	5,649.53	10,898	
Q2194	MK 77 BOMBS	A	—	496	3,727.82	1,849	500	3,790.00	1,895	500	3,884.00	1,942	
Q2196	Fuzes (Note 1)	A	—	12,675	1,070.84	14,080	1,888	2,050.00	3,871	4,606	2,101.14	9,678	
Q2197	Bombs Subcomponents	A	—			4,687			5,125			5,253	
Q2198	DUAL MODE LGB (Note 2)	A	—	3,583	9,998.00	48,995	2,601	10,368.00	26,968	2,272	9,980.00	22,675	
	<u>LASER GUIDED BOMB KITS SUBTOTAL</u>					<u>800</u>							
Q2181	GUIDANCE UNIT MAU-169 (FW94)	A	—			800							
	<u>ILS SUBTOTAL</u>					<u>286</u>			<u>600</u>			<u>600</u>	
Q2800	Other ILS (GP BOMBS)					286			600			600	
	<u>PES/NAVY SUBTOTAL</u>					<u>9,072</u>			<u>21,351</u>			<u>18,332</u>	
Q2830	OTHER PES (GP BOMBS)					2,830			4,411			3,831	
Q2830	PES (FUZES)					3,417			5,111			5,239	
Q2830	PES (GBU & LGB)					2,825			11,829			9,262	
	<u>OTHER SUBTOTAL</u>					<u>3,401</u>			<u>710</u>			<u>750</u>	
Q2850	PRODUCT IMPROVEMENT PROGRAM (PIP)					2,914			200			100	
Q2892	NON-STANDARD ITEMS					100			100			200	
Q2893	RENOVATION COMPONENTS					150			160			200	
Q2894	GAGING					237			250			250	
TOTAL				966,271		180,612			133,572			119,561	

NOTE 1: FY05 Fuzes (DSU-33) total dollars include \$507K for power cables for Navy.

NOTE 2: FY05 Dual Mode LGB total cost includes Non-recurring engineering cost of \$13,172K.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System			A. DATE February 2006	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1						014500, GENERAL PURPOSE BOMBS				J1Q2
Cost Element/Fiscal Year	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
<u>GENERAL PURPOSE BOMBS</u>										
<u>BLU-110A/B PBX LOAD</u>										
2005	3,123	5,419.00	JMC ROCK ISLAND, IL	OPTION	C-FP	MCALESTER,AAP MCALESTER, OK	4/30/2005	9/30/2006	YES	
2006	2,000	5,526.32	JMC ROCK ISLAND, IL	10/30/2005	C-FP	MCALESTER,AAP MCALESTER, OK	4/30/2006	6/30/2007	YES	
2007	1,929	5,649.53	JMC ROCK ISLAND, IL	OPTION	C-FP	MCALESTER,AAP MCALESTER, OK	3/31/2007	3/31/2008	YES	
<u>BLU-111A/B PBX LOAD (F289)</u>										
2005	24,054	2,520.78	JMC ROCK ISLAND, IL	OPTION	C-FP	MCALESTER,AAP MCALESTER, OK	4/30/2005	9/30/2006	YES	
2006	3,263	2,619.03	JMC ROCK ISLAND, IL	10/30/2005	C-FP	MCALESTER,AAP MCALESTER, OK	4/30/2006	9/30/2007	YES	
2007	4,254	2,677.18	JMC ROCK ISLAND, IL	OPTION	C-FP	MCALESTER,AAP MCALESTER, OK	3/31/2007	8/31/2008	YES	
<u>BSU-33 CONICAL FINS (F782)</u>										
2005	26,000	83.47	JMC ROCK ISLAND, IL	OPTION	C-FP	MTD, Greenville, TN	1/30/2005	4/30/2005	YES	
2006	26,000	85.04	JMC ROCK ISLAND, IL	11/30/2005	C-FP	UNKNOWN	2/28/2006	2/28/2007	YES	
2007	10,000	86.56	JMC ROCK ISLAND, IL	OPTION	C-FP	UNKNOWN	1/30/2007	2/28/2008	YES	
<u>BSU-85</u>										
2005	1,260	4,203.67	JMC ROCK ISLAND, IL	11/30/2004	C-FP	UNKNOWN	1/30/2005	1/30/2007	YES	
2006	10,100	4,308.76	JMC ROCK ISLAND, IL	OPTION	C-FP	UNKNOWN	1/30/2006	4/30/2007	YES	

## P-1 SHOPPING LIST

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System			A. DATE February 2006	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1						014500, GENERAL PURPOSE BOMBS				J1Q2
Cost Element/Fiscal Year	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
<u>BSU-86A/B</u>										
2005	3,103	1,136.23	JMC ROCK ISLAND, IL	OPTION	C-FP	CAPCO, INC. Grand Junction, CO	1/30/2005	6/30/2007	YES	
2007	22,016	1,174.66	JMC ROCK ISLAND, IL	10/30/2006	C-FP	UNKNOWN	4/30/2007	4/30/2008	YES	
<u>DUAL MODE LGB</u>										
2005	3,583	9,998.00	NAVAIR	6/22/2005	C-FP	Lockheed Martin Corp.,	9/30/2006	2/28/2007	YES	
2006	2,601	10,368.00	NAVAIR	OPTION	C-FP	Lockheed Martin Corp.	9/30/2006	4/30/2007	YES	
2007	2,272	9,980.00	NAVAIR	OPTION	C-FP	Lockheed Martin Corp.	3/30/2007	9/30/2007	YES	
<u>FMU-139 FUZE</u>										
2005	9,164	872.87	NAVAIR	OPTION	C-FP	ATK, Rocket Center, WV	1/30/2005	12/30/2006	YES	
2006	8,665	807.70	NAVAIR	OPTION	C-FP	ATK, Rocket Center, WV	3/30/2006	12/30/2007	YES	
2007	13,000	827.89	NAVAIR	UNKNOWN	C-FP	UNKNOWN	1/30/2007	12/30/2008	YES	
<u>Fuzes</u>										
2005	12,675	1,070.84	EGLIN AFB, FL	1/30/2004	C-FP	ATK, Rocket Center, WV	6/8/2005	5/30/2006	YES	
2006	1,888	2,050.00	UNKNOWN	UNKNOWN	C-FP	UNKNOWN	3/30/2006	2/28/2007	YES	
2007	4,606	2,101.14	UNKNOWN	UNKNOWN	C-FP	UNKNOWN	1/30/2007	2/28/2008	YES	
<u>MK 77 BOMBS</u>										
2005	496	3,727.82	JMC ROCK ISLAND, IL	OPTION	C-FP	Triumph Engineering, Phoenix, AZ	4/30/2005	5/30/2006	YES	
2006	500	3,790.00	JMC ROCK ISLAND, IL	12/30/2005	C-FP	UNKNOWN	4/30/2006	4/30/2007	YES	
2007	500	3,884.00	JMC ROCK ISLAND, IL	OPTION	C-FP	UNKNOWN	2/28/2007	9/30/2007	YES	

## P-1 SHOPPING LIST



BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System			A. DATE February 2006	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1						014500, GENERAL PURPOSE BOMBS				J1Q2
Cost Element/Fiscal Year	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
<u>MK 83 CONICAL FINS</u>										
2005	5,000	178.31	JMC ROCK ISLAND, IL	OPTION	C-FP	MTD, Greeneville, TN	1/30/2005	5/30/2006	YES	
2006	4,000	181.27	JMC ROCK ISLAND, IL	12/30/2005	C-FP	UNKNOWN	2/28/2006	4/30/2007	YES	
2007	3,000	184.39	JMC ROCK ISLAND, IL	OPTION	C-FP	UNKNOWN	1/30/2007	7/30/2007	YES	

P-1 SHOPPING LIST

CLASSIFICATION: **UNCLASSIFIED**

<b>FY2007 PRESIDENT BUDGET PRODUCTION SCHEDULE, P21</b>															DATE <b>February 2006</b>																																					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>															Weapon System										P-1 ITEM NOMENCLATURE <b>014500, GENERAL PURPOSE BOMBS</b>																											
															Production Rate					Procurement Leadtimes																																
Item		Manufacturer's Name and Location				MSR		1-8-5		MAX		ALT Prior to Oct 1			ALT After Oct 1			Initial Mfg PLT			Reorder Mfg PLT			Total			Unit of Measure																									
DUAL MODE LGB		LOCKHEED MARTIN				1500		4000		8000					12			7			6			19			E																									
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2005															FISCAL YEAR 2006															B A L															
							CALENDAR YEAR 2005															CALENDAR YEAR 2006																														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																						
Dual Mode LGB			N																																																	
Lockheed Martin		05		3583	0	3583																					A	3583																								
Lockheed Martin		06		2601	0	2601																					A	2601																								
Lockheed Martin		07		2272	0	2272																						2272																								
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2007															FISCAL YEAR 2008															B A L															
							2006															CALENDAR YEAR 2007																CALENDAR YEAR 2008														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																						
Dual Mode LGB			N																																																	
Lockheed Martin		05		3583	0	3583																						0																								
Lockheed Martin		06		2601	0	2601																						0																								
Lockheed Martin		07		2272	0	2272																						0																								
Remarks:																																																				

CLASSIFICATION: UNCLASSIFIED

FY 2007 PRESIDENT BUDGET PRODUCTION SCHEDULE, P-21													DATE													February 2006																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Item		Manufacturer's Name and Location					1-8-5			MAX			ALT Prior to Oct 1			ALT After Oct 1			Initial Mfg PLT			Reorder Mfg PLT			Total			Unit of Measure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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CLASSIFICATION: **UNCLASSIFIED**

FY2007 PRESIDENT BUDGET PRODUCTION SCHEDULE, P-21

DATE

February 2006

[illegible]

Weapon System

P-1	ITEM NOMENCLATURE
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## PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS

014500, General Purpose Bombs

	Production Rate
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Production Rate

Procurement Leadtimes

Item	Manufacturer's Name and Location	MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
FMU-139 Fuze	Unknown	12.000	24.000	74.400	Unknown	6	21		27	E

[illegible]

ITEM NAME/FEATURE	Q	P	P	FISCAL YEAR 2005		FISCAL YEAR 2006	
				Q	P	Q	P

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	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
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Remarks:
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CLASSIFICATION: \_\_\_\_\_

DD Form 2445, JUL 87

Previous editions are obsolete

## P-1 SHOPPING LIST

CLASSIFICATION:

311 / 244

ITEM NO. 1

PAGE 8

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**Exhibit P-21, Production Schedule**  
(Exhibit P-21, page 8 of 9)

CLASSIFICATION: **UNCLASSIFIED**

[illegible]

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2006					
APPROPRIATION/BUDGET ACTIVITY <b>BA-1</b> <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>							P-1 ITEM NOMENCLATURE <b>014800, JOINT DIRECT ATTACK MUNITION (JDAM)</b>					
Program Element for Code B Items:							Other Related Program Elements <b>NONE</b>					
	Prior Years	ID Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY	43,786	A		<b>6,930</b>	<b>3,400</b>	<b>3,400</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>0</b>	<b>63,516</b>
COST (\$M)	1000.3			<b>151.1</b>	<b>81.5</b>	<b>84.0</b>	<b>41.5</b>	<b>43.9</b>	<b>44.7</b>	<b>46.4</b>	<b>0.0</b>	<b>1493.4</b>
Initial Spares (\$M)												
Total (\$M)	1000.3			<b>151.1</b>	<b>81.5</b>	<b>84.0</b>	<b>41.5</b>	<b>43.9</b>	<b>44.7</b>	<b>46.4</b>	<b>0.0</b>	<b>1493.4</b>
Unit Cost (\$M)	0.023			0.022	0.024	0.025	0.028	0.029	0.030	0.031		0.024
DERF Quantity - Non Add	7,890											<b>7,890</b>
DERF Dollars - Non Add	161.1											<b>161.1</b>
<p>MISSION AND DESCRIPTION Operation Desert Storm confirmed the need for a more accurate weapon delivery capability in adverse weather conditions and from medium/high altitudes. Failure to satisfy this requirement will allow the enemy to continue to take advantage of the sanctuary of weather and/or prevent US air power from prosecuting a conflict on its terms. JDAM is an Air Force and Navy munitions program to correct these shortfalls, with the Air Force as the executive service. JDAM upgrades the existing inventory of general purpose bombs (MK 84, BLU-109/B, MK83, and MK82) by integrating them with a guidance kit consisting of a global positioning system aided inertial navigation system (GPS/INS). JDAM will provide an accurate (13 meters) adverse weather capability. JDAM is integrated with the B-52, B-2, B-1B, F-16, F/A-18C/D/E/F and F-14 aircraft, with follow-on integration on the F-15E, F-22, A-10, and AV-8B. The Navy is responsible for fielding a JDAM All-Up-Round (AUR) system; procuring components as required to satisfy that system (tail kits, fuzes and arming systems, warheads, and support equipment). FY03 and FY04 quantities were increased to meet wartime surge. FY05 through FY11 reflect quantities necessary to meet Non Nuclear Ordnance Requirements (NNOR). Selective Availability Anti-Spoofing Module (SAASM) will be incorporated into the FY 2005 production quantities, to be delivered in FY 2006. Beginning in FY05, Fuze money moved to the Navy's GP Bombs PE 014500. The JDAM FY06 and FY07 procurements support a contractually agreed minimum sustaining rate. The JDAM contractual agreement ends in FY07. A portion of the FY07 ECO will be utilized to determine the feasibility of integrating Laser JDAMs on Navy platforms.</p> <p>The total production buy for JDAM is 199,190 units (135,674 for USAF and 63,516 for Navy, not including any DERF). There is no requirement for initial spares because of the 20 year warranty.</p>												

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - Navy Ammunition						ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD 0148000, JOINT DIRECT ATTACK MUNITION (JDAM)								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years				FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
JD100	AIR VEHICLE	A	872,610				6,930	20,164	139,737	3,400	20,658	70,237	3,400	21,364	72,638
JD200	FUZES (Note 1)	A	36,679												
JD300	WARHEAD		28,363												
JD100	ENGINEERING CHANGE ORDERS (ECO)(Note 2)		0												
	TOTAL RECURRING FLYAWAY		937,652				6,930	20,558	142,468	3,400	20,984	71,347	3,400	22,625	76,926
JD100	SCHEDULE ACCELERATION		1,457						0			0			0
JD830	PRODUCTION TECH SUPPORT		35,625						5,149			5,552			4,330
JD100	CONTRACTOR INCENTIVE		8,378						1,400			702			726
JD840	PRODUCTION TEST		3,127						647			2,346			762
JD100	AIRBORNE TEST EQUIPMENT		1,508						800			800			530
JD850	DATA		2						0			0			0
JD700	CABLES		720						0			0			0
	TOTAL NON-RECURRING		50,817						7,996			9,400			6,348
	TOTAL WEAPON FLYAWAY		988,469				6,930	21,712	150,464	3,400	23,749	80,747	3,400	24,492	83,274
JD940	LOAD/BUILDUP TRAINERS		857						0			0			0
JD960	TEST EQUIPMENT		4,350						0			0			0
JD970	ILS		5,585						507			598			580
JD990	TRAINING		794						97			99			102
JD920	DATA (TECHNICAL)		275						56			57			58
	TOTAL FLEET SUPPORT		11,861						660			754			740
	TOTAL WEAPON SYSTEM		1,000,330				6,930	21,807	151,124	3,400	23,971	81,501	3,400	24,710	84,014
	TOTAL PROGRAM COST		1,000,330				6,930	21,807	151,124	3,400	23,971	81,501	3,400	24,710	84,014
	DERF (NON-ADD)														
JD100	AIR VEHICLE		157,866	Notes:											
JD200	FUZES		3,055	1. FY2005 - FY2011 Fuze money is in GP Bombs PAN,MC budget (P-1 Line Item #1).											
JD100	CONTRACTOR INCENTIVE		166	2. A portion of the FY07 ECO will be utilized to determine the feasibility of integrating Laser JDAMs on Navy platforms.											
JD830	PRODUCTION TECH SUPPORT		0												
	TOTAL DERF		161,087												

**Notes:**

1. FY2005 - FY2011 Fuze money is in GP Bombs PAN,MC budget (P-1 Line Item #1).
2. A portion of the FY07 ECO will be utilized to determine the feasibility of integrating Laser JDAMs on Navy platforms.

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<b>BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)</b>					Weapon System		A. DATE February 2006			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					C. P-1 ITEM NOMENCLATURE 014800, JOINT DIRECT ATTACK MUNITION				SUBHEAD J1JD	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
FY05 Lot 9 JDAM	6,930	20,164	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Mar 05	Mar 06	N/A <sup>(1)</sup>	N/A
FY06 Lot 10 JDAM	3,400	20,658	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 06	Mar 07	N/A <sup>(1)</sup>	N/A
FY07 Lot 11 JDAM	3,400	21,364	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 07	Mar 08	N/A <sup>(1)</sup>	N/A
D. REMARKS										
(1) SPECIFICATIONS HAVE BEEN WAIVED DUE TO JDAM's STATUS AS AN ACQUISITION REFORM PILOT PROGRAM.										



PRODUCTION SCHEDULE P-21											DATE		February 2006																			
APPROPRIATION/BUDGET ACTIVITY						Weapon System			P-1 ITEM NOMENCLATURE						J1JD																	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1									014800, Joint Direct Attack Munition (JDAM)																							
		Production Rate			Procurement Leadtimes																											
Item	Manufacturer's Name and Location		MSR	1-8-5	MAX	ALT Prior to Oct 1		ALT After Oct 1		Initial Mfg PLT		Reorder Mfg PLT		Total	Unit of Measure																	
JDAM	Boeing		9996	18000	36000	0 mo		4		13		13		17	E																	
	St. Louis, MO																															
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2005												FISCAL YEAR 2006												B A L	
							2004			CALENDAR YEAR 2005									CALENDAR YEAR 2006													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
JDAM - Boeing																																
Lot 8		04	N	12422	0	12422		100	138	400	400	600	1050	1200	1200	1350	1250	1300	1300	1300	834										0	
Lot 8		04	AF	20244	0	20244						600	1400	1620	1620	1524	1600	1550	1400	1400	1850	2850	2830								0	
Lot 9		05	N	6930	0	6930						A												566	566	566	566	566	566	2968		
Lot 9		05	AF	23137	0	23137						A												2020	2020	2020	2020	2020	2020	8997		
Lot 10		06	N	3400	0	3400																		A						3400		
Lot 10		06	AF	8000	0	8000																	A							8000		
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2007												FISCAL YEAR 2008												B A L	
							2006			CALENDAR YEAR 2007									CALENDAR YEAR 2008													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
Lot 9		05	N	6930	3962	2968	566	566	576	622	638																			0		
Lot 9		05	AF	23137	14140	8997	2020	1900	1850	1730	1497																			0		
Lot 10		06	N	3400	0	3400						100	100	100	586	634	190	0	24	144	354	584	584							0		
Lot 10		06	AF	8000	0	8000						866	866	866	380	332	776	966	942	746	496	382	382							0		
Lot 11		07	N	3400	0	3400						A												554	594	544	154	204	254	504	592	
Lot 11		07	AF	7261	0	7261						A											342	302	352	742	692	642	392	3797		
Remarks:																																
MSR represents JOINT quantities (USN and USAF).																																

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST

311 / 244 ITEM NEM NO. 2 PAGE NO. 5 Exhibit P-21 Production Schedule

**BUDGET ITEM JUSTIFICATION SHEET****P-40****DATE:****February 2006**

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1****015100, AIRBORNE ROCKETS, ALL TYPES**

Program Element for Code B Items:

Other Related Program Elements

	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program
Quantity											
Cost (\$M)	\$127.4	A	\$34.0	\$26.6	\$15.5	\$37.4	\$38.0	\$38.4	\$39.3	Cont	Cont

**MISSION DESCRIPTION:**

Procurements are to keep pace with the training usage of MK66 rocket motors and maintain an adequate inventory of a variety of warheads for the 2.75" and 5.00" Rockets.

Product improvements address deficiencies in the safety, reliability and producibility of Airborne Rockets. Specific projects include insensitive munitions improvements to the rocket motors, safety improvements to Warheads, and reliability improvements to the 2.75" launchers.

Upgrade MK66 from J147 to HA03 rocket motor. This is to prevent stabilizing rod ejection during the launch cycle and inspect for propellant grain defects.

\*Prior years figures reflect FY2001 to FY2004. FY00 and prior are in the 2.75" Rocket Line.

**P-1 SHOPPING LIST**

**BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS**

DATE:

**P40-A****February 2006****APPROPRIATION/BUDGET ACTIVITY****P-1 ITEM NOMENCLATURE****PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1****015100, AIRBORNE ROCKETS, ALL TYPES**

Procurement Items	ID Code	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program
WTU-1/B INERT WARHEAD											
Quantity	A	47,643	14,004	37,000	18,500						
Funding		1,795	1,093	3,027	1,542						
MK 66 ROCKET MOTOR (HA07)											
Quantity	A	132,643	25,785	9,221	15,016						
Funding		56,837	10,497	3,573	5,930						
MK71 ROCKET MOTOR											
Quantity	A	4,460	3,267	2,787	0						
Funding		21,300	13,277	11,531	0						
M278 WARHEAD											
Quantity	A	1,520	0	0	0						
Funding		2,385	0	0	0						
UPGRADE J147 TO HA03											
Quantity	A	13,717	13,315	6,877	0						
Funding		8,157	1,677	1,029	0						
M229 HE WARHEAD											
Quantity	A	0	2,000	1,476	1,275						
Funding		0	2,447	1,838	1,623						
M255A1 FLECHETTE WARHEAD											
Quantity	A	0	0	2,001	4,000						
Funding		0	0	1,426	2,905						
MK34 WARHEAD											
Quantity	A	10,660	0	0	0						
Funding		9,304	0	0	0						

**P-1 SHOPPING LIST**

**BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS**

DATE:

**P40-A****February 2006****APPROPRIATION/BUDGET ACTIVITY****P-1 ITEM NOMENCLATURE****PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1****015100, AIRBORNE ROCKETS, ALL TYPES**

Procurement Items	ID Code	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program
SMOKEY SAM											
Quantity	A	12,608	3,516	0	0						
Funding		1,625	442	0	0						
MK66 Rkt Mtr											
(IFF Supplemental)											
Quantity		24,440	0	0	0						
Funding		10,262	0	0	0						
LAU-61 LAUNCHER											
Quantity	A	0	0	0	0						
Funding		0	0	0	0						
Other Costs		15,734	4,560	4,220	3,473						
Total P-1 Funding		\$127,399	\$33,993	\$26,645	\$15,473						

Notes:

P-1 SHOPPING LIST



BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System AIRBORNE ROCKETS, ALL TYPES			A. DATE February 2006	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1						015100, AIRBORNE ROCKETS, ALL TYPES				J1Q5
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
WTU-1/B INERT WARHEAD										
2005	14,004	78.06	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2005	11/2006	YES	
2006	37,000	81.80	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2006	11/2007	YES	
2007	18,500	83.35	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2007	11/2008	YES	
MK 66 ROCKET MOTOR (HA07)										
2004	19,956	453.50	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2004	09/2006	YES	
2005	25,785	407.11	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2005	11/2006	YES	
2006	9,221	387.52	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2006	11/2007	YES	
2007	15,016	394.88	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2007	11/2008	YES	
MK71 ROCKET MOTOR										
2005	3,267	4,064.00	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2005	04/2006	YES	
2006	2,787	4,137.56	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2006	04/2007	YES	

## P-1 SHOPPING LIST

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System AIRBORNE ROCKETS, ALL TYPES			A. DATE February 2006	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1						015100, AIRBORNE ROCKETS, ALL TYPES				J1Q5
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
UPGRADE J147 TO HA03										
2005	13,315	125.96	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2005	04/2006	YES	
2006	6,877	149.62	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	01/2006	01/2007	YES	
M255A1 FLECHETTE WH										
2006	2,001	712.64	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2006	11/2007	YES	
2007	4,000	726.14	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2007	11/2008	YES	
M229 HE WARHEAD										
2005	2,000	1,223.44	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2005	04/2006	YES	
2006	1,476	1,245.46	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	01/2006	01/2007	YES	
2007	1,275	1,272.86	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2007	04/2008	YES	
SMOKEY SAM										
2005	3,516	125.69	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2005	04/2006	YES	

Notes: Pricing is provided by the Army and incorporates other services' buys.

P-1 SHOPPING LIST



DD Form 2445, JUL 87 Previous editions are obsolete Exhibit P-21 Production Schedule

FY 07 BUDGET PRODUCTION SCHEDULE, P-21										DATE <b>February 2006</b>				
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>						Weapon System		P-1 ITEM NOMENCLATURE AIRBORNE ROCKETS, ALL TYPES BLI 015100						
						Production Rate			Procurement Leadtimes					
Item	Manufacturer's Name and Location					MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
MK 66 Rocket Motor (HA07)	GENERAL DYNAMICS					1	14	20		7	18	18	25	K
MK 71 Rocket Motor (H547)	NSWC, IH					1	8	15		6	12	12	18	K

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2009												FISCAL YEAR 2010												B A L
						2008			CALENDAR YEAR 2009									CALENDAR YEAR 2010												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MK66 Rkt Mtr/Gen Dyn	07	N	15.0	0.0	15.0		3.0	3.0	3.0	3.0	3.0																	0		

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2011												FISCAL YEAR 2012												B A L
						2010			CALENDAR YEAR 2011									CALENDAR YEAR 2012												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

Remarks:

**BUDGET ITEM JUSTIFICATION SHEET****DATE:****P-40****February 2006**

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1****015500, MACHINE GUN AMMUNITION**

Program Element for Code B Items:

Other Related Program Elements:

	Prior Years*	ID Code	FY 2005**	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
Quantity												
Cost (\$M)	\$116.7	A	\$30.5	\$23.4	\$16.1	\$24.7	\$24.9	\$25.5	\$26.1	Cont	Cont	

This line funds procurement of 20MM ammunition used with various aircraft gun systems. The 20MM ammunition includes procurements of PGU-27 and the Semi-Armor Piercing High Explosive Incendiary (SAPHEI) war fighting round in both the bulk and linked configuration. The bulk (linkless) configured cartridges are used in the M61A1/A2 Gun Systems in the F/A-18 Aircraft as well as F-14 Aircraft until decommissioned. The linked configured cartridges are used in the M197 gun on AH-1 aircraft. All 20MM ammunition is procured by the Joint Munitions Command, Rock Island, Illinois.

\*Reflects FY1995-FY2004 only. These programs were funded in FY94 and prior from the Weapons Procurement, Navy (WPN) and Other Procurement, Navy (OPN) accounts.

\*\* FY05 Includes Congressional add of \$7.0M for 20MM Linkless, HEI.

P-1 SHOPPING LIST

## BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS

DATE:

P40-A

February 2006

## APPROPRIATION/BUDGET ACTIVITY

## P-1 ITEM NOMENCLATURE

## PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS

## 015500, MACHINE GUN AMMUNITION

Procurement Items	ID Code	Prior Years*	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
20MM LINKLESS, TP, PGU-27												
Quantity	A	6,109,486	1,295,750	1,547,523	311,480							
Funding		37,117	7,267	9,997	2,062							
20MM LINKLESS, HEI												
Quantity	A	1,357,188	867,750	135,772	158,299							
Funding		25,713	20,618	3,192	3,815							
20MM LINKED, TP, PGU-27												
Quantity	A	1,486,454	0	0	529,856							
Funding		13,186	0	0	5,892							
20MM LINKED, HEI												
Quantity	A	615,100	0	283,458	50,109							
Funding		15,323	0	7,557	1,500							
20MM LINKED, HEI (OIF SUPPL)												
Quantity	A	55,300	0	0	0							
Funding		1,316	0	0	0							
20MM LINKING EFFORT, TP**, TPT***												
Quantity	A	395,100	0	0	0							
Funding		756	0	0	0							
Other Costs		23,278	2,656	2,608	2,871							
Total P-1 Funding		\$116,689	\$30,541	\$23,354	\$16,140							

\*Reflects FY1995-FY2004 only.

\*\*TP - Training Practice

\*\*\*TPT - Tracer Practice Training

## P-1 SHOPPING LIST

Exhibit P-5 Cost Analysis							Weapon System						DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE								
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1							015500, MACHINE GUN AMMUNITION								
Cost Code	Element of Cost	ID Code	Dollars in Thousands												
			Prior Years*	FY 2005			FY 2006			FY 2007					
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost			
Q4010	20MM LINKLESS, TP, PGU-27	A	37,117	1,295,750	5.61	7,267	1,547,523	6.46	9,997	311,480	6.62	2,062			
Q4050	20MM LINKLESS, HEI	A	25,713	867,750	23.76	20,618	135,772	23.51	3,192	158,299	24.10	3,815			
Q4060	20MM LINKED, TP, PGU-27	A	13,186							529,856	11.12	5,892			
Q4070	20MM LINKED, HEI	A	15,323				283,458	26.66	7,557	50,109	29.93	1,500			
QTBD	20MM LINKED, HEI (OIF SUPPL)	A	1,316												
Q4050	20MM LINKING EFFORT, TP, TPT	A	756												
Q4800	INTEGRATED LOGISTICS SUPPORT (ILS)		2,414			320			390			605			
Q4830	PRODUCTION ENGR SUPPORT (PES)-NAVY		15,018			1,786			1,703			1,700			
Q4850	PRODUCT IMPROVEMENT PROGRAM (PIP)		5,791			550			515			566			
Q4894	GAGING		55												
	Total		116,689			30,541			23,354			16,140			

Note: Columns may not add due to rounding.

\*Reflects FY95-FY04 only, these programs were funded in FY94 and prior from Weapons Procurement, Navy (WPN) and Other Procurement, Navy (OPN) accounts. Pricing is provided by the Army and incorporates other services's buys. Congressional funding received in FY05 increased procurement quantities of 20MM Linkless HEI.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System			A. DATE February 2006	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA-1						015500, MACHINE GUN AMMUNITION				J1Q4
Cost Element/Fiscal Year	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
20MM LINKLESS, TP, PGU-27										
FY 2005	1,295,750	5.61	ARMY IOC	N/A	C-FFP	General Dynamics, Marion, IL	Aug-05	Apr-06	YES	
FY 2006	1,547,523	6.46	ARMY IOC	N/A	C-FFP	TBD	Apr-06	Oct-06	YES	
FY 2007	311,480	6.62	ARMY IOC	N/A	C-FFP	TBD	Apr-07	Oct-07	YES	
20MM LINKLESS, HEI										
FY 2005	867,750	23.76	ARMY IOC	N/A	C-FFP	General Dynamics, Marion, IL	Sep-05	Apr-06	YES	
FY 2006	135,772	23.51	ARMY IOC	N/A	C-FFP	TBD	Apr-06	Oct-06	YES	
FY 2007	158,299	24.10	ARMY IOC	N/A	C-FFP	TBD	Apr-07	Oct-07	YES	
20MM LINKED, TP, PGU-27										
FY 2004	271,722	10.40	ARMY IOC	N/A	C-FFP	General Dynamics, Marion, IL	Aug-05	Apr-06	YES	
FY 2007	529,856	11.12	ARMY IOC	N/A	C-FFP	TBD	Apr-07	Oct-07	YES	
20MM LINKED, HEI										
FY 2006	283,458	26.66	ARMY IOC	N/A	C-FFP	TBD	Apr-06	Oct-06	YES	
FY 2007	50,109	29.93	ARMY IOC	N/A	C-FFP	TBD	Apr-07	Oct-07	YES	

REMARKS : Pricing provided by the Army incorporates other services' buys.

The 20MM Linked, TP, PGU-27 FY04 contract award was delayed due to calcium silicide supply issues which have been resolved.

The 20MM Linkless, TP, PGU-27 and 20MM Linkless, HEI FY05 contract awards were delayed due to calcium silicide supply issues which have been resolved.

#### P-1 SHOPPING LIST

PRODUCTION SCHEDULE, P-21							DATE February 2006																												
APPROPRIATION/BUDGET ACTIVITY						Weapon System				P-1 ITEM NOMENCLATURE																									
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1										MACHINE GUN AMMUNITION																									
		Production Rate				Procurement Leadtimes																													
Item	Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																					
20MM LINKLESS, TP, PGU-27	TBD					66	270	790	6	6	6	6	12	K																					
20MM LINKLESS, HEI	TBD					66	270	790	6	6	6	6	12	K																					
20MM, LINKED, TP, PGU-27	TBD					66	270	790	6	6	6	6	12	K																					
20MM, LINKED, HEI	TBD					66	270	790	6	6	6	6	12	K																					
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2005												FISCAL YEAR 2006												B A L				
							2004			CALENDAR YEAR 2005									CALENDAR YEAR 2006																
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
20MM LINKLESS, TP, PGU-27																																			
General Dynamics		05	N	1295.8	0	1295.8																													
TBD		06	N	1547.5	0	1547.5																													
20MM LINKLESS, HEI																																			
General Dynamics		05	N	867.8	0	867.8																													
TBD		06	N	135.8	0	135.8																													
20MM, LINKED, TP, PGU-27																																			
General Dynamics		04	N	271.7	0	271.7																													
20MM, LINKED, HEI																																			
TBD		06	N	283.5	0	283.5																													
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2007												FISCAL YEAR 2008												B A L				
							2006			CALENDAR YEAR 2007									CALENDAR YEAR 2008																
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
20MM LINKLESS, TP, PGU-27																																			
TBD		06	N	1547.5	0	1547.5	215.5	222.0	222.0	222.0	222.0	222.0																							
TBD		07	N	311.5	0	311.5																													
20MM LINKLESS, HEI																																			
TBD		06	N	135.8	0	135.8	135.8																												
TBD		07	N	158.3	0	158.3																													
20MM, LINKED, TP, PGU-27																																			
TBD		07	N	529.9	0	529.9																													
20MM, LINKED, HEI																																			
TBD		06	N	283.5	0	283.5	142.0	141.5																											
TBD		07		50.1		50.1																													
Remarks: Navy quantities have historically been delivered in 6 months at a no-cost accelerated schedule.																																			

**BUDGET ITEM JUSTIFICATION SHEET****P-40****DATE:****February 2006**

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1****016000, PRACTICE BOMBS**

Program Element for Code B Items:

Other Related Program Elements

**0204162N**

	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
Quantity												
Cost (\$M)	\$397.8	A	\$53.3	\$55.8	\$44.6	\$56.4	\$67.4	\$68.9	\$65.2	Cont	Cont	

**MISSION DESCRIPTION:**

Practice Bombs are a low cost alternative to expenditures of live bombs for training. The MK 76 simulates an unretarded MK 80 series bomb. It is a 25 lb. cast iron shape with a breach hole for a MK 4 or CXU-3 signal which provides a smoke signal or flash upon impact. The BDU-48 simulates retard bombs. It is a 10 lb. thin cased cylindrical bomb with a breach hole for a MK 4 or CXU-3 signal which provides a smoke signal or flash upon impact. The BDU-48 NTP and MK 83 Inert are full-sized Practice Bombs. They are MK 80 series bomb bodies filled with an inert material and have the same weight, size, center of gravity and ballistics of a live bomb. The BDU-45 uses a CXU-4 signal cartridge for spotting location and simulates a 500 lb General Purpose Bomb. These items are procured by the Army as a Single Manager for Conventional Ammunition.

The Laser Guided Training Round (LGTR) is procured directly by the Navy. This round enhances the effective use of the PAVEWAY II Laser Guided Bombs (LGB) precision guided weapon which requires coordination between the aircrew and the laser designator. Development of delivery options and multi-aircraft tactics require extensive cost effective training. The Congressionally directed procurement of the Laser Guided Training Round (LGTR) is capable of replicating the kinematics of LGBs to provide increased basic training capability and follow-on advanced tactics development, and is suitable for launch from all Navy and Marine Corps aircraft used to deploy LGBs. LGTR provides actual hardware for aircrew and tactics development at a greatly reduced cost while maintaining LGB stockpiles. The LGTR production spike in FY05 was required to provide inventory sufficient to fill logistics pipeline.

The Production Engineering Support and Integrated Logistics Support are continuing annualized efforts associated with ongoing procurements of the Practice Bombs associated Signal Cartridge, BDU-45/B, MK 76, LGTR, fins and other practice weapons. These efforts include maintenance of PDP (Procurement Data Packages), participation in post award conference, first article and quality assurance testing, ECP review/comments/recommendation, technical manual update, evaluation of engineering change proposal, and response to fleet inquiries.

The Miscellaneous Items line includes M70 series cables, Mk 89 Adapters, Arming Wires, Lugs, Nose Plugs, etc.

**P-1 SHOPPING LIST**



Exhibit P-5 Cost Analysis							DATE: February 2006					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1							P-1 ITEM NOMENCLATURE 016000, PRACTICE BOMBS J1Q1 Dollars in Thousands					
Cost Code	Element of Cost	ID Code	Prior Years	FY 2005			FY 2006			FY 2007		
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
	<u>PROCUREMENTS</u>											
Q1010	MK 76 (E973)	A	—	196,000	29.48	5,778	196,000	31.11	6,098	196,000	31.66	6,205
Q1040	MK 82 INERT (F237)	A	—	5,000	942.42	4,712	13,821	958.31	13,245	6,067	975.11	5,916
Q1300	LASER GUIDED TRAINING ROUND*	A	—	17,385	1,535.15	28,245	10,867	2,262.81	24,590	7,941	2,319.38	18,418
Q1060	MK 83 INERT (E511)	A	—	4,000	1,506.75	6,027	2,000	1,531.90	3,064	3,630	1,559.62	5,661
Q1061	BDU-48(E962)	A	—	20,000	45.50	910	20,000	46.29	926	20,000	47.12	942
	<u>PROCUREMENT SUPPORT AND OTHER</u>											
Q1800	INTEGRATED LOGISTICS SUPPORT (ILS)		—			135			400			400
Q1830	PRODUCTION ENGR SUPPORT (PES)-NAVY		—			4,575			4,900			4,431
Q1850	PRODUCT IMPROVEMENT PROGRAM (PIP)		—			350			350			350
Q1894	GAGING		—			504			250			250
Q1062	MISCELLANEOUS ITEMS	A				2,093			2,000			2,000
	Total		397,832			53,329			55,823			44,573

Note: The total cost of the FY05 LGTR (Laser Guided Training Round) includes \$1,556K for containers.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System			A. DATE February 2006	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1						016000, PRACTICE BOMBS				J1Q1
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
<u>PROCUREMENTS</u>										
MK 76 (E973)										
2005	196,000	29.48	JMC ROCK ISLAND, IL	11/30/2004	C-FP	DELFASCO	1/30/2005	9/30/2006	YES	
2006	196,000	31.11	JMC ROCK ISLAND, IL	OPTION	C-FP	DELFASCO	2/28/2006	9/30/2006	YES	
2007	196,000	31.66	JMC ROCK ISLAND, IL	OPTION	C-FP	DELFASCO	1/30/2007	9/30/2007	YES	
MK 82 INERT (F237)										
2005	5,000	942.42	JMC, ROCK ISLAND, IL	OPTION	SS-FP	MCALESTER, AAP	2/28/2005	6/30/2006	YES	
2006	13,821	958.31	JMC, ROCK ISLAND, IL	9/30/2005	SS-FP	MCALESTER, AAP	2/28/2006	11/30/2006	YES	
2007	6,067	975.11	JMC, ROCK ISLAND, IL	OPTION	SS-FP	MCALESTER, AAP	2/28/2007	3/31/2008	YES	
LASER GUIDED TRAINING ROUND										
2005	17,385	1,535.15	NAVAIR	11/19/2004	C-FP	LOCKHEED-MARTIN	6/1/2005	2/21/2006	YES	
2006	10,867	2,262.81	NAVAIR	OPTION	C-FP	LOCKHEED-MARTIN	3/31/2006	11/30/2006	YES	
2007	7,941	2,319.38	NAVAIR	OPTION	C-FP	LOCKHEED-MARTIN	2/28/2007	10/30/2007	YES	
MK 83 INERT (E511)										
2005	4,000	1,506.75	JMC, ROCK ISLAND, IL	OPTION	SS-FP	MCALESTER, AAP	2/28/2005	4/30/2006	YES	
2006	2,000	1,531.90	JMC, ROCK ISLAND, IL	10/30/2005	SS-FP	MCALESTER, AAP	2/28/2006	2/28/2008	YES	
2007	3,630	1,559.62	JMC, ROCK ISLAND, IL	OPTION	SS-FP	MCALESTER, AAP	1/30/2007	3/30/2008	YES	

## P-1 SHOPPING LIST

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System			A. DATE February 2006	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1						016000, PRACTICE BOMBS				J1Q1
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
BDU-48 (E962)	2005	20,000	45.50	JMC, ROCK ISLAND, IL	OPTION	C/FP	DELFASCO	5/30/2005	9/30/2005	YES
	2006	20,000	46.29	JMC, ROCK ISLAND, IL	11/30/2005	C/FP	UNKNOWN	2/28/2006	4/30/2007	YES
	2007	20,000	47.12	JMC, ROCK ISLAND, IL	OPTION	C/FP	UNKNOWN	1/20/2007	8/30/2007	YES

P-1 SHOPPING LIST

CLASSIFICATION: **UNCLASSIFIED**

FY 2007 PRESIDENT BUDGET PRODUCTION SCHEDULE, P-21											February 2006																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
APPROPRIATION/BUDGET ACTIVITY							Weapon System				P-1 Nomenclature 016000, PRACTICE BOMBS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Item	Manufacturer's Name and Location					MSR	1-8-5	MAX	ALT Prior to Oct 1		ALT After Oct 1		Initial Mfg PLT		Reorder Mfg PLT		Total	Unit of Measure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
MK 76	DELFASCO					120000	360000	1080000			4		20		7		24	TWIN/BULK(TH)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
MK 82 INERT	MCALESTER(OK)					54000	96000	192000			5		16				20	K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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CLASSIFICATION: **UNCLASSIFIED**

FY2007 PRESIDENT BUDGET PRODUCTION SCHEDULE, P-21																	February 2006																					
APPROPRIATION/BUDGET ACTIVITY											Weapon System						P-1 Item Nomenclature																					
Procurement of Ammunition, Marine Corps																	016000, PRACTICE BOMBS																					
											Production Rate						Procurement Leadtimes																					
Item		Manufacturer's Name and Location				MSR		1-8-5		MAX		ALT Prior to Oct 1			ALT After Oct 1			Initial Mfg PLT			Reorder Mfg PLT			Total		Unit of Measure												
LGTR		LOCKHEED-MARTIN(LORAL)				3600		10400		23400					9			8						17		E												
MK 83 Inert		MCALESTER				UNK		43200		108000					5			15						20		E												
BSU-86		CAPCO				UNK		7200		12000					3			13						16		E												
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2005																FISCAL YEAR 2006												B A L			
							2004			CALENDAR YEAR 2005																CALENDAR YEAR 2006												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								
Laser Guided Training Round			N																																			
LOCKHEED-MARTIN		05		17385	0	17385										A											1448	1448	1448	1448	1448	1448	5801					
LOCKHEED-MARTIN		06		10867	0	10867																										10867						
LOCKHEED-MARTIN		07		7941	0	7941																										7941						
BSU-86A/B(EA53)			N																																			
CAPCO,CO		03		12996	0	12996				A																1444	1444	1444	1444	1444	1444	1444	0					
MK 83 Inert(E511)			N																																			
MCALESTER		05		4,000	0	4,000					A																					0						
MCALESTER		06		2,000	0	2,000																										2,000						
MCALESTER		07		3,630	0	3,630																										3,630						
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2007																FISCAL YEAR 2008												B A L			
							2006			CALENDAR YEAR 2007																CALENDAR YEAR 2008												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								
Laser Guided Training Round			N																																			
LOCKHEED-MARTIN		05		17385	11584	5801	1448	1448	1448	1457																						0						
LOCKHEED-MARTIN		06		10867	0	10867			906	906	906	906	906	906	906	906	901															0						
LOCKHEED-MARTIN		07		7941	0	7941					A						661	661	661	661	661	661	661	661	661	661	661	661	661	670	0							
MK 83 Inert(E511)			N																																			
MCALESTER		06		2000	0	2000																					2000					0						
MCALESTER		07		3630	0	3630				A																3630						0						
Remarks																																						

**BUDGET ITEM JUSTIFICATION SHEET****P-40****DATE:****February 2006**

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS****018000, CARTRIDGES & CART ACTUATED DEVICES**

Program Element for Code B Items:

Other Related Program Elements

**0204162N**

	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
Quantity										Cont	Cont	
Cost (\$M)	\$237.7	A	\$27.7	\$32.2	\$34.0	\$37.1	\$38.2	\$43.1	\$46.2	Cont	Cont	

**MISSION DESCRIPTION:**Escape System/Life Support Devices

These items, such as safety/arming devices, sequence controls, shielded mild detonating cords, gas generators, initiators, thrusters, thermal batteries, etc, are used in aircraft emergency escape systems. The total number and type of devices installed varies with the type of aircraft, for example: F/A-18(136); S-3(105); EA-6B(45), T-45(76), T/AV-8(90) and AH-1(27). These explosives have finite service lives and are replaced during scheduled maintenance. An aircraft may be grounded if a single one of these items does not meet the standard. The devices ages at the same rate whether the aircraft is operating in a war time or peace time environment, and thus the requirement is calendar driven. Life support devices such as the Sea Water Activated Release System FLU-12/P Deck Crew Life Vest Inflator, and the FLU-8B/P automatic life vest inflator are essential to crew survival after ejection or being thrown overboard. The budget request provides funding for the procurement of Naval Aircrew Common Ejection Seat (NACES) items, JAU-74/B initiators/CCU-146/A Cartridge, BBU-57/A and BBU-64/ACutters (F-18 DIFRS) and other miscellaneous devices.

Weapons/Stores Release Cartridges

These items are used to release the weapons/stores from aircraft. The JAU-22 impulse cartridges are used to eject sonobuoys from aircraft. The budget request also provides for CCU-107 Impulse Cartridges and the JAU-22/B Initiator Cartridge.

Integrated Logistics Support

Integrated Logistics Support (ILS) efforts will provide ILS planning, maintenance standardization, supply support, other technical ILS production efforts.

Production Engineering Support

Production Engineering Support (PES) efforts include the development/review of procurement requests, monitoring of the production, disposition of waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing.

Product Improvement Programs

Product Improvement Programs (PIP) are conducted as part of a continuing effort to correct deficiencies in areas of safety, reliability, maintainability, producibility, and to increase the service life of CARTs and CADs.

FY04 & FY05 includes \$3.4M Congressional Plus-up for FLU-12/P; Budget increase in FY06 and out is to cover the yearly FLU-12/P requirement and increased program cost required to support emerging V-22, F-18E/F, T-6A and JSF aircraft. Due to the retirements of the F-14, T-2, and S-3 aircraft, and the scale-up of the F-18E/F, T-6A, V-22 and JSF aircraft, a change in Cart/CAD requirements is occurring which causes the removal of the MJ91 as a budget line, combining of the SR95 requirement with the WB19 to form a F-18 DIFRS budget line, and the addition of a FLU-12/P and WB15/WB16 budget lines.

**P-1 SHOPPING LIST**

Exhibit P-5 Cost Analysis							Weapon System				DATE:	
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1							018000, CARTRIDGES & CART ACTUATED DEVICES J1Q8					
Cost Code	Element of Cost	ID Code	Total Cost in Thousands of Dollars									
			Prior Years	FY 2005			FY 2006			FY 2007		
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
	<u>STORES RELEASE</u>											
Q8090	JAU-22/B INITIATOR. CTG (MF64)	A		105,000	13.80	1,449	105,000	16.25	1,706	105,000	18.29	1,920
Q8200	CCU-107 IMPULSE CTG (MT95)	A		180,000	5.25	945	60,000	6.39	383	180,000	5.68	1,022
	<u>SAFETY</u>											
Q8060	THERMAL BATTERY (CWDR)	A		301	4,138.16	1,246	264	3,632.58	959	259	3,706.56	960
Q8080	BBU-57/A CUTTER (SR95)	A		78	9,259.47	722						
Q8080	F-18 DIFRS (SR95/WB19)	A							249			1,192
Q8080	FLU-12/P INFLATOR (JL09)	A		21,000	143.00	3,003	15,000	134.78	2,022	15,000	137.44	2,062
Q8080	JAU-74 INIT/CCU-146 CTG (WB15/16)	A							1,848			1,166
Q8300	NAVY AIRCREW COMMON EJECTION SEAT	A				2,269			2,360			2,269
Q8600	MISC DEVICES UNDER \$500K (Note 1)					10,530			15,195			15,543
Q8800	INTEGRATED LOGISTICS SUPPORT (ILS)					669			697			769
Q8830	PRODUCTION ENRG SUPPORT (PES)-NAVY					3,204			2,991			3,093
Q8840	QUALITY ASSURANCE					455			495			537
Q8850	PRODUCT IMPROVEMENT PROGRAM (PIP)					1,396			1,280			1,369
Q8860	ACCEPTANCE TESTING					1,812			1,971			2,097
	Total			237,742		27,700			32,156			33,999

Columns may not add due to rounding

(1) Miscellaneous Devices encompasses the remaining 835 distinct devices procured under this budget item. These devices have yearly budget requirements that typically do not exceed \$500K.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System				A. DATE February 2006	
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPSIBA 1					018000, CARTRIDGES & CART ACTUATED DEVICES					J1Q8
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
<u>STORES RELEASE</u>										
CCU-107 IMPULSE CTG (MT95)										
2005	180,000	5.25	NAVICP	Sep-04	C-FP	TECHNICAL ORDNANCE INC. ST. BONIFACIUS, MN	Nov-04	Jun-05	YES	
2006	60,000	6.39	NAVICP	Oct-05	C-FP	TECHNICAL ORDNANCE INC.	Dec-05	Jul-06	YES	
2007	180,000	5.68	NAVICP	Oct-06	C-FP	UNKNOWN	Apr-07	Apr-08	YES	
JAU-22/B INITIATOR. CTG (MF64)										
2005	105,000	13.80	NAVICP	Sep-04	C-FP	SPECIAL DEVICES MOORPARK, CA	Oct-04	Nov-05	YES	
2006	105,000	16.25	NAVICP	Jul-05	C-FP	AMTEC CORP., JANESVILLE WI	Dec-05	Jun-06	YES	
2007	105,000	18.29	NAVICP	Oct-06	C-FP	UNKNOWN	Apr-07	Apr-08	YES	
<u>SAFETY</u>										
BBU-57/A CUTTER (SR95)										
2005	78	9,259.47	NAVICP	Oct-04	SS/FP	NORTHROP-GRUMMAN CORP. EL SEGUNDO, CA	Jan-05	May-06	YES	
FLU-12/P INFLATOR (JL09)										
2005	21,000	143.00	NAVICP	Oct-04	SS/FP	CONAX FLORIDA ST PETERSBURG, FL	May-05	Nov-06	YES	
2006	15,000	134.78	NAVICP	Oct-05	SS/FP	CONAX FLORIDA ST PETERSBURG, FL	Apr-06	Apr-07	YES	
2007	15,000	137.44	NAVICP	Oct-06	SS/FP	CONAX FLORIDA ST PETERSBURG, FL	Apr-07	Apr-08	YES	
THERMAL BATTERY (CWDR)										
2005	301	4,138.16	NAVAIR	Oct-04	SS/FP	MARTIN-BAKER A/CRT C, MIDDLESEX GB	Apr-05	Oct-06	YES	
2006	264	3,632.58	NAVAIR	Oct-05	SS/FP	MARTIN-BAKER A/CRT C, MIDDLESEX GB	Apr-06	Apr-07	YES	
2007	130	4,098.45	NAVAIR	Oct-06	SS/FP	MARTIN-BAKER A/CRT C, MIDDLESEX GB	Apr-07	Apr-08	YES	
	129	3,310.00	NAVICP	Oct-06	SS/FP	EAGLE-PICHER, JOPLIN, MO	Apr-07	Apr-08	YES	

Notes:

P-1 SHOPPING LIST



**BUDGET ITEM JUSTIFICATION SHEET****P-40****DATE:****February 2006**

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS****018100, AIRCRAFT ESCAPE ROCKETS**

Program Element for Code B Items:

Other Related Program Elements

**0204162N**

	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program
Quantity										Cont	Cont
Cost (\$M)	\$96.0	A	\$10.6	\$10.7	\$11.0	\$11.5	\$11.7	\$12.0	\$12.3	Cont	Cont

## MISSION DESCRIPTION:

This program provides funding for rocket motors, rocket catapults and catapults used to eject aircrewmembers from disabled aircraft. The program is structured to meet replacement requirements that are based on aircraft inventories and the escape rocket/catapults service lives. The devices age at the same rate whether operating in a war or peace-time environment, and thus the requirement is calendar driven. An aircraft containing a single escape rocket/catapult not up to man-rated standards is grounded for safety-of-flight. Spare inventories are limited to the lowest level that can be maintained without causing aircraft grounding due to shortfalls. Devices are also used to function as part of aircraft emergency safety systems. The FY 2007 budget request provides continued funding for the procurement of MK 122 parachute deployment rocket motors, MK 123/124 underseat rocket motors, various miscellaneous devices, Product Improvement Programs (PIP), and associated production engineering and integrated logistics support.

Production Engineering Support (PES) efforts include the development/review of procurement requests, production monitoring, disposition of waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing.

Integrated Logistics Support (ILS) efforts will provide ILS planning, maintenance standardization, supply support and other technical ILS production efforts.

Multi-year Product Improvement Programs (PIP) consists of programs to ensure producibility and safety for the MK 122 PDRM, MK 123, MK 124, MK 100, MK 101, MK 86, MK 87, MK 88 USRMs (KU propellant and lead free double base), MK 121 TDRMS; and MK 79, MK 109, MK 113, MK 205 Rocket Motors.

## P-1 SHOPPING LIST

Exhibit P-5 Cost Analysis				Weapon System						DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY				P-1 ITEM NOMENCLATURE								
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				018100, AIRCRAFT ESCAPE ROCKETS								
Cost Code	Element of Cost	ID Code	Dollars in Thousands									
			Prior Years	FY 2005			FY 2006			FY 2007		
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
	<u>SAFETY</u>											
Q9070	MK 122 PARACHUTE DEPLOY RCKT MTR (MT29)	A		204	3,058.94	624	233	3,357.23	782	233	3,176.82	740
Q9080	MK 123 UNDERSEAT ROCKET MOTOR (MT30)	A		20	7,453.08	150	47	8,997.00	423	47	9,069.00	426
Q9081	MK 124 UNDERSEAT ROCKET MOTOR (MT31)	A		30	7,104.97	214	97	8,997.00	873	97	9,069.00	880
Q9130	MISC DEVICES UNDER \$500K					4,863			3,680			3,910
Q9800	INTEGRATED LOGISTICS SUPPORT (ILS)					469			496			507
Q9820	RELIABILITY LIFE (R-L)					690			699			707
Q9830	PRODUCTION ENRG SUPPORT (PES)-NAVY					1,341			1,396			1,419
Q9850	PRODUCT IMPROVEMENT PROGRAM (PIP)					1,337			1,361			1,379
Q9860	ACCEPTANCE TESTING					907			1,007			1,061
	Total			96,006		10,595			10,717			11,029

Columns may not add due to rounding

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System			A. DATE February 2006	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1						018100, AIRCRAFT ESCAPE ROCKETS				J1Q9
Cost Element/FiscalYear	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
<u>SAFETY</u>										
MK 122 PARACHUTE DEPLOY RCKT MTR (MT29)										
FY 2005	204	3,058.94	NAVICP	Sep-04	C-FP	MARTIN-BAKER AIRCRAFT, ENGLAND	May-05	Apr-06	YES	
FY 2006	233	3,357.23	NAVICP	Oct-05	C-FP	MARTIN-BAKER AIRCRAFT, ENGLAND	Dec-05	Jun-06	YES	
FY 2007	233	3,176.82	NAVICP	TBD	C-FP	UNKNOWN	Apr-07	Apr-08	YES	
MK 123 UNDERSEAT ROCKET MOTOR (MT30)										
FY 2005	20	7,453.08	NAVICP	Sep-04	C-FP	MARTIN-BAKER AIRCRAFT, ENGLAND	Jan-05	Aug-05	YES	
FY 2006	47	8,997.00	NAVICP	TBD	C-FP	UNKNOWN	Apr-06	Apr-07	YES	
FY 2007	47	9,069.00	NAVICP	TBD	C-FP	UNKNOWN	Apr-07	Apr-08	YES	
MK 124 UNDERSEAT ROCKET MOTOR (MT31)										
FY 2005	30	7,104.97	NAVICP	Sep-04	C-FP	MARTIN-BAKER AIRCRAFT, ENGLAND	Jan-05	Aug-05	YES	
FY 2006	97	8,997.00	NAVICP	TBD	C-FP	UNKNOWN	Apr-06	Apr-07	YES	
FY 2007	97	9,069.00	NAVICP	TBD	C-FP	UNKNOWN	Apr-07	Apr-08	YES	

Notes:

P-1 SHOPPING LIST

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2006					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1							P-1 ITEM NOMENCLATURE 018200, AIRBORNE EXPENDABLE C/M PROGRAM					
Program Element for Code B Items: RDT&E 0604270N							Other Related Program Elements					
	Prior Years*	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011		To Complete	Total
QUANTITY												
COST												
(In Millions)	\$341.8		\$60.6	\$67.3	\$72.9	\$78.2	\$80.4	\$81.1	\$82.7		CONT	CONT
<p>The Airborne Expendable Countermeasures (AECM) line provides funding for procurement of countermeasure self-protection devices for all Navy and Marine Corps tactical, rotary and other fixed-wing aircraft. The AECM Program is divided into the following threat related categories: (a) air-launched chaff, (b) Radio Frequency (RF) Active Jammers, (c) infrared (IR) decoys, (d) associated impulse cartridges, and (e) support costs. Procurement of unique 1x1 x8" countermeasures are in support of the USMC C-130J. These items are RR170A, operational chaff; MJU61 magnesium fueled flare, which is a reliability and safety improvement of the M206 flare; MJU-64, pyrophoric decoy device, which is a reliability and safety improvement of the MJU50; and CCU145A Hazards of Electromagnetic Radiation on Ordnance (HERO) safe impulse cartridge, which replaces the BBU35.</p> <p>Chaff Countermeasures: Procurement of RR-129A operational round and RR-144A training rounds are in support of all airframes except the USMC KC-130J. Procurement of the RR144A training round is necessary because it does not interfere with Federal Aviation Administration (FAA) radars.</p> <p>Active Jammers: The Advanced Airborne Expendable Decoy (AAED), part of the ALE-50 program, entered the final year of production during FY05. The Fiber Optic Towed Decoy (FOTD) is part of the Integrated Defensive Electronic Countermeasure (IDECM) Radio Frequency Countermeasure (RFCM) program and is scheduled to replace the AAED beginning in FY06. AAED and FOTD were developed under PE 0604270N RDT&amp;E, Project E2175.</p> <p>IR Decoys: The MJU-49 is currently used by all aircraft except the C130J. The SM875 is a dedicated, low cost training device. Procurement of the ALE-39 advanced six-inch solution set (kinematic MJU57) and companion (MJU55) of expendables began in FY 2003.</p> <p>Impulse Cartridges: Used to propel the self-protection devices away from the aircraft. The HERO safe CCU136A/A is used by all airframes except the C-130J. The CCU145A is a HERO safe version of and will replace the BBU35.</p> <p>Support costs: Provide for required Production Engineering (PE), Product Improvement (PIP), Quality Assurance (QA), Acceptance Test and Evaluation (AT&amp;E), and Integrated Logistic Support (ILS) by NAVAIR engineering/cognizant field activities.</p> <p>Title IX funding: \$10M FY04 Supplemental Funds (PANMC 1741548/Y1AC) were added to the AECM Program to support the initial procurement of unique 1x1x8" infrared countermeasures for the USMC KC-130J aircraft. Marinized MJU61, MJU64 and HERO safe CCU145A impulse cartridges were procured during FY05 in support of this requirement. An estimated \$66K will be used to provide support.</p> <p>\$11M FY05 Supplemental Funds (PANMC 1751508/Y1QA) were added to the AECM Program to support the procurement of additional MJU61, MJU64, HERO safe CCU145A impulse cartridges and the initial procurement of the Advanced six-inch solution companion (MJU55) decoy device. An estimated \$48K will be used to provide support.</p> <p>\$4.5M of Title IX funding is included in FY06 for procurement of MJU-49 IR Decoys.</p>												

\* Prior years include FY95 through FY04.

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1 Navy Ammunition						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD  018200, AIRBORNE EXPENDABLE C/M PROGRAM								
COST CODE	ELEMENT OF COST (BLI 018200)	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years*	FY 2005			FY 2006			FY 2007					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
QA110	<u>ACTIVE JAMMERS</u> AAED (ALE-50)	A	34,419	245	22,818.00	5,590									
QA120	FOTD / IDECM	B	6,937				268	49,500.00	13,266	480	38,500.00	18,480			
QA140	<u>IR DECOYS</u> MJU-32/B ROTARY WING DECOY(1)	A	17,673	39,039	29.10	1,136	48,061	30.28	1,455	48,061	30.28	1,455			
QA150	MJU-38/B TACAIR DECOY	A	14,511							13,130	33.00	433			
QA150	MJU-38/B TACAIR DECOY (IFF)	A	1,257												
QA190	MJU-49/B DECOY DEVICE (2)	A	29,414	110,179	127.91	14,093	148,886	132.19	19,681	112,320	136.25	15,304			
QA190	MJU-49/B DECOY DEVICE (2/05 BTR)	A	3,612												
QA190	MJU-49/B DECOY DEVICE (IFF) (1)	A	7,885												
QA260	SM875B (TRAINING FLARE)	A	6,985	158,005	14.24	2,250	200,000	12.50	2,500	200,000	12.50	2,500			
QA210	MJU-50 (1X1 Pyrophoric)	A	1,205												
QA200	MJU-52 BOL IR	A	14,242												
QA225	MJU-55 Companion	A	3,141	26,520	178.10	4,723	37,000	121.90	4,510	35,000	121.90	4,266			
QA230	MJU-57 Kinematic	A	5,634	20,000	355.10	7,102	37,000	182.30	6,745	35,000	182.30	6,381			
QA240	MJU-61 (Title IX FY04 only)	A	1,620	74,414	26.03	1,937				33,600	28.00	941			
QA245	MJU-64 (Title IX FY04 only)	A	7,560	46,453	108.77	5,053				33,600	115.00	3,864			
QA235	M206 (1X1) Magnesium	A	343												
QA090	<u>IMPULSE CARTRIDGES</u> CCU-136A/A (HERO SAFE)	A	16,597	995,520	4.24	4,221	818,750	3.99	3,267	818,750	3.99	3,267			
QA090	CCU-136A/A (HERO SAFE) (IFF)	A	339												
QA115	CCU-145A (Title IX in FY04)	A	600	62,178	9.58	596	84,000	9.00	756	90,000	9.00	810			
PAGE TOTAL			173,974			46,701			52,180			57,701			

\* Prior years include FY95 through FY04.

(1) Prior year funds include \$6.5M of FY03 appropriations which were not provided until after PRES06 was submitted (\$6211 MJU49, \$166 MJU32, \$123 AT&amp;E)

(2) FY06 includes \$4500 of Title IX

DD FORM 2446, JUN 86

P-1 SHOPPING LIST  
ITEM NO. 8 PAGE NO. 2

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1 Navy Ammunition						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD  018200, AIRBORNE EXPENDABLE C/M PROGRAM								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years*	FY 2005			FY 2006			FY 2007					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
QA060	<u>IMPULSE CARTRIDGES CONT'D</u> BBU-35 (Title IX)	A	404												
QA010	<u>CHAFF COUNTERMEASURES</u> RR-129A CHAFF CM	A	13,879				253,440	7.99	2,025	230,400	7.99	1,841			
QA010	RR-129A CHAFF CM (IFF)	A	570												
QA020	RR-144A TRNG CHAFF	A	4,701				76,800	8.20	630	76,800	8.20	630			
QA030	RR-170A CHAFF 1X1	A	73				22,680	4.00	91	22,680	4.00	91			
N/A	VARIOUS		38,344												
QA830	<u>SUPPORT COSTS</u> PRODUCTION ENGINEERING		32,471			3,832			3,904			3,824			
QA830	PRODUCTION ENG (Title IX)		66												
QA850	PRODUCT IMPROVEMENT		45,572			5,507			2,495			2,520			
QA860	ACCEPTANCE TEST & EVALUATION (1)		27,378			3,487			4,983			5,227			
QA800	ILS		4,385			1,122			970			1,101			
P5 GRAND TOTAL			341,817			60,649			67,278			72,935			

\*Prior years include FY95 through FY04.

(1) Prior year funds include \$6.5M of FY03 appropriations which were not provided until after PRES06 was submitted (\$6211 MJU49, \$166 MJU32, \$123 AT&amp;E)

 CLASSIFICATION:  
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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		DATE		
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE			SUBHEAD	
<b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>						<b>018200, AIRBORNE EXPENDABLE C/M PROGRAM</b>			<b>February 2006</b>	
<b>BA-1 Navy Ammunition</b>									<b>Y1QA</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<b><u>ACTIVE JAMMERS</u></b>										
AAED (ALE-50)										
(DWCL) FY 05	245	22,818.00	Robins AFB, GA	Jan-05	SS/FP	Raytheon, Goleta, CA	Apr-05	Jan-07	YES	
FOTD/IDECM (DWDQ) FY 06	268	49,500.00	NAVAIR	Jan-04	SS/FP	BAE, Nashua, NH	Jun-06	Dec-07	NO	
(DWDQ) FY 07	480	38,500.00	NAVAIR	Jan-05	SS/FP	BAE, Nashua, NH	Mar-07	Feb-08	NO	
<b><u>INFRARED DECOYS</u></b>										
MJU-32/B ROTARY WING DECOY										
(LA01) FY 04	39,054	28.27	NICP Mechanicsburg	Dec-03	C/FP	Kilgore, Toone, TN	Jul-04	Jun-05	YES	
(LA01) FY 05	39,039	29.10	NICP Mechanicsburg	Dec-04	C/FP	Kilgore, Toone, TN	Nov-04	Sep-05	YES	
(LA01) FY 06	48,061	30.28	NICP Mechanicsburg	Dec-05	C/FP	TBD	Jun-06	Dec-06	YES	
(LA01) FY 07	48,061	30.28	NICP Mechanicsburg	Dec-06	C/FP	TBD	Jun-07	Dec-07	YES	
MJU-38/B TACAIR DECOY										
(LA02) FY 07	13,130	33.00	NICP Mechanicsburg	Dec-06	C/FP	TBD	Jun-07	Dec-07	YES	
MJU-49/B DECOY DEVICE										
(DWCI) FY 04	36,354	148.87	NSWC Crane, IN	Dec-03	SS/FP	Alloy, Chester Township, PA	Jul-04	Apr-05	YES	
(DWCI) FY 04 (2/05)	28,238	127.91	NSWC Crane, IN	Feb-05	SS/FP	Alloy, Chester Township, PA	Feb-05	Jan-06	YES	
(DWCI) FY 05	110,179	127.91	NSWC Crane, IN	Dec-04	SS/FP	Alloy, Chester Township, PA	Jan-05	Jul-05	YES	
(DWCI) FY 06	148,886	132.19	NICP Mechanicsburg, PA	Dec-05	SS/FP	Alloy, Chester Township, PA	Feb-06	Apr-06	YES	
(DWCI) FY 07	112,320	136.25	NICP Mechanicsburg, PA	Oct-06	SS/FP	Alloy, Chester Township, PA	Feb-07	Mar-07	YES	
D. REMARKS										

CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System			DATE	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE			February 2006	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS						018200, AIRBORNE EXPENDABLE C/M PROGRAM			SUBHEAD	
BA-1 Navy Ammunition									Y1QA	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<b>INFRARED DECOYS (CONT'D)</b>										
SM875B TRNG FLARE										
(LA40) FY 04	52,978	14.44	NICP Mechanicsburg, PA	Mar-04	C/FP	Kilgore, TN	Jul-04	Nov-04	YES	
(LA40) FY 05	158,005	14.24	NICP Mechanicsburg, PA	Dec-04	C/FP	Kilgore, TN	Sep-05	Nov-05	YES	
(LA40) FY 06	200,000	12.50	NICP Mechanicsburg, PA	Jan-06	C/FP	TBD	Jun-06	Nov-06	YES	
(LA40) FY 07	200,000	12.50	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	May-07	Nov-07	YES	
MJU-55 Companion										
(LA35) FY 04	17,000	184.74	NSWC Crane, IN	Dec-03	C/FP	NSWC Crane/Crane Army, IN	Jan-04	Jul-05	YES	
(LA35) FY 05	26,520	178.10	CAAA, IN	Jun-05	C/FP	Crane Army Ammo Activity, IN	Jun-05	Jan-06	YES	
(LA35) FY 06	37,000	121.90	NICP Mechanicsburg, PA	Jan-06	C/FP	TBD	Apr-06	Jan-07	YES	
(LA35) FY 07	35,000	121.90	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	May-07	Jan-08	YES	
MJU-57 Kinematic										
(LA38) FY 04	15,000	314.93	NSWC Crane, IN	Dec-03	C/FP	NSWC Crane/Crane Army, IN	Jan-04	May-04	YES	
(LA38) FY 05	20,000	355.10	CAAA, IN	Nov-04	C/FP	Crane Army Ammo Activity, IN	Nov-04	Aug-05	YES	
(LA38) FY 06	37,000	182.30	NICP Mechanicsburg, PA	Jan-06	C/FP	Crane Army Ammo Activity, IN	Jun-06	Feb-07	YES	
(LA38) FY 07	35,000	182.30	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	Jun-07	Dec-07	YES	
MJU-61 Mag/Tef										
(LA42)** FY04	60,585	26.74	NICP Mechanicsburg, PA	Jan-05	C/FP	FRCM, Milan, TN	Mar-05	Jun-05	YES	
(LA42) FY 05	74,414	26.03	NICP Mechanicsburg, PA	Jan-06	C/FP	FRCM, Milan, TN	May-06	Aug-06	YES	
(LA42) FY07	33,600	28.00	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	Mar-07	Jun-07	YES	
D. REMARKS										
** DOUBLE ASTERISK DENOTES TITLE IX FUNDS (FY04)										



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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)							Weapon System		DATE	
B. APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b> <b>BA-1 Navy Ammunition</b>							C. P-1 ITEM NOMENCLATURE <b>018200, AIRBORNE EXPENDABLE C/M PROGRAM</b>		February 2006 SUBHEAD <b>Y1QA</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<b>INFRARED DECOYS (CONT'D)</b>										
MJU-64										
(LA43)** FY04	66,196	114.20	NICP Mechanicsburg, PA	Jan-05	SS/FP	Alloy, Chester Township, PA	Mar-05	Jun-05	YES	
(LA43) FY 05	46,453	108.77	NICP Mechanicsburg, PA	Jan-05	SS/FP	Alloy, Chester Township, PA	Jun-05	Aug-06	YES	
(LA43) FY 07	33,600	115.00	NICP Mechanicsburg, PA	Jan-07	SS/FP	Alloy, Chester Township, PA	May-07	Nov-07	YES	
<b>IMPULSE CARTRIDGES</b>										
CCU-136A/A (HERO SAFE)										
(WA83) FY 04	777,600	3.34	NICP Mechanicsburg	Dec-03	C/FP	CAPCO, Grand Junction, CO	Jun-04	Sep-04	YES	
(WA83) FY 04	345,600	3.70	NICP Mechanicsburg	Dec-03	C/FP	Hanley Industries, Alton, IL	Jun-04	Sep-04	YES	
ROYALTY	1,123,200	0.90	NICP Mechanicsburg	Dec-03		CAPCO, Grand Junction, CO	Jun-04	N/A	N/A	
(WA83) FY 05	995,520	4.24	NICP Mechanicsburg	Dec-04	C/FP	CAPCO, Grand Junction, CO	Aug-05	Sep-05	YES	
(WA83) FY 06	818,750	3.99	NICP Mechanicsburg	Dec-05	C/FP	TBD	May-06	Sep-06	YES	
(WA83) FY 07	818,750	3.99	NICP Mechanicsburg	Dec-06	C/FP	TBD	May-07	Sep-07	YES	
CCU-145A (HERO SAFE)										
(WB24)** FY 04	60,000	10.00	NICP Mechanicsburg	Jun-05	C/FP	TBD	Feb-06	Mar-06	YES	
(WB24) FY05	62,178	9.58	NICP Mechanicsburg	Jun-05	C/FP	TBD	Feb-06	Mar-06	YES	
(WB24) FY 06	84,000	9.00	NICP Mechanicsburg	Jan-06	C/FP	TBD	May-06	Oct-06	YES	
(WB24) FY 07	90,000	9.00	NICP Mechanicsburg	Jan-07	C/FP	TBD	May-07	Oct-07	YES	
BBU-35										
(MG62)** FY04	42,000	3.67	NICP Mechanicsburg	Oct-04	C/FP	Tech Ordnance, St. Boniface, MN	Oct-04	May-05	YES	
D. REMARKS ** DOUBLE ASTERISK DENOTES TITLE IX FUNDS (FY04)										

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		DATE <b>February 2006</b>		
B. APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS BA-1 Navy Ammunition</b>					C. P-1 ITEM NOMENCLATURE <b>018200, AIRBORNE EXPENDABLE C/M PROGRAM</b>				SUBHEAD <b>Y1QA</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<b><u>CHAFF COUNTERMEASURES</u></b>										
RR-129A CHAFF CM										
(DWCF) FY 04	198,720	7.99	NICP Mechanicsburg	Jan-04	C/FP	ARMTEC Defense Prod Co Coachella, CA	Oct-04	Dec-04	YES	
(DWCF) FY 06	253,440	7.99	NICP Mechanicsburg	Jan-06	C/FP	ARMTEC Defense Prod Co Coachella, CA	Apr-06	Dec-06	YES	
(DWCF) FY 07	230,400	7.99	NICP Mechanicsburg	Jan-07	C/FP	ARMTEC Defense Prod Co Coachella, CA	Apr-07	Dec-07	YES	
RR-144A TRNG CHAFF										
(DWCB) FY 04	171,119	8.31	NICP Mechanicsburg	Jan-04	C/FP	ARMTEC Defense Prod Co Coachella, CA	May-04	Dec-04	YES	
(DWCB) FY 06	76,800	8.20	NICP Mechanicsburg	Jan-06	C/FP	ARMTEC Defense Prod Co Coachella, CA	May-06	Dec-06	YES	
(DWCB) FY 07	76,800	8.20	NICP Mechanicsburg	Jan-07	C/FP	ARMTEC Defense Prod Co Coachella, CA	May-07	Dec-07	YES	
RR-170 CHAFF 1X1										
(LY07) FY 06	22,680	4.00	NICP Mechanicsburg	May-06	C/FP	ARMTEC Defense Prod Co Coachella, CA	Jul-06	Jan-07	YES	
(LY07) FY 07	22,680	4.00	NICP Mechanicsburg	May-06	C/FP	ARMTEC Defense Prod Co Coachella, CA	Jul-07	Jan-08	YES	
D. REMARKS										

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FY 2004 BUDGET PRODUCTION SCHEDULE, P-21

DATE
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February 2006

[illegible]

## Weapon System

## P-1 ITEM NOMENCLATURE

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1 Navy Ammunition**

018200, AIRBORNE EXPENDABLE C/M PROGRAM

		Production Rate			Procurement Leadtimes					
Item	Manufacturer's Name and Location	MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
AAED (ALE-50)	Raytheon, Goleta, Ca	25	140	300		5		17	22	E
FOTD/IDECM	BAE, Nahsua, NH	TBD	TBD	TBD		5		17	22	E
MJU-49/B	Alloy, Chester Township, PA	6.12	6.12	16.00		8		6	14	K
MJU-57	Crane Army Ammun. Activ.	1.0	3.0	4.0		7		9	16	K
MJU-64	Alloy, Chester Township, PA	5.04	5.04	TBD		7		9	16	K

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2004												FISCAL YEAR 2005												B A L
						2003			CALENDAR YEAR 2004									CALENDAR YEAR 2005												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
AAED ALE-50 (RAYTHEON)	05		245		245															A							245.0			
MJU-49/B (ALLOY)	04		36.4		36.4									A						0.4	12	12	12				0.0			
MJU-49/B (ALLOY)	05		110.2		110.2														A				4	16	16		74.2			
MJU-57 (CAAA)	05		20.0		20.0												A								3	3	14.0			
MJU-64 (ALLOY)	04		66.2		66.2														A			0.4	3.2	3.4	5.0		54.2			
MJU-64 (ALLOY)	05		46.4		46.4																	A					46.4			

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2006												FISCAL YEAR 2007												B A L
						2005			CALENDAR YEAR 2006									CALENDAR YEAR 2007												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
AAED ALE-50 (RAYTHEON)	05		245		245																							0.0		
FOTD/IDECM (BAE)	06		268		268								A															268.0		
FOTD/IDECM (BAE)	07		480		480																							480.0		
MJU-49/B (ALLOY)	05		110.2	36	74.2	16	16	16	16.0	10.2											A							0.0		
MJU-49/B (ALLOY)	06		148.9		148.9					A		2.4	16	16	16	16	16	16	16	16								0.0		
MJU-49/B (ALLOY)	07		112.3		112.3																							0.0		
MJU-57 (CAAA)	05		20.0	6.0	14.0	3.0	3.0	3.0	3.0	2.0											6.1	6.1	16	16	16	16	16	0.0		
MJU-57 (CAAA)	06		37.0		37.0																	5.7	5.7	5.7	5.7	5.7	5.7	0.0		
MJU-57 (TBD)	07		35.0		35.0																							35.0		
MJU-64 (ALLOY)	04		66.2	12.0	54.2	6.2	6.2	6.2	6.2	6.2	6.2	4.6															0.0			
MJU-64 (ALLOY)	05		46.4		46.4										4.8	6.2	6.2	6.2	6.2	6.2	6.2	6.2	4.4					0.0		

Remarks:

<b>FY 2004/2005 BUDGET PRODUCTION SCHEDULE, P-21</b>						DATE <b>February 2006</b>																								
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>						Weapon System				P-1 ITEM NOMENCLATURE <b>018200, AIRBORNE EXPENDABLE C/M PROGRAM</b>																				
		Production Rate				Procurement Leadtimes																								
Item	Manufacturer's Name and Location					MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																
AAED (ALE-50)	Raytheon, Goleta, Ca					25	140	300		5		17	22	E																
FOTD/IDECM	BAE, Nahsua, NH					TBD	TBD	TBD		5		17	22	E																
MJU-49/B	Alloy, Chester Township, PA					6.12	6.12	16.00		8		6	14	K																
MJU-57	TBD					TBD	TBD	TBD		7		9	16	K																
MJU-64	Alloy, Chester Township, PA					5.04	5.04	TBD		7		9	16	K																
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008												B A L											
							2007		CALENDAR YEAR 2008								CALENDAR YEAR 2009													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
FOTD/IDECM (BAE)		06		268		268			60	60	60	60	28																	0.0
FOTD/IDECM (BAE)		07		480		480					14	60	60	60	60	60	60	46												0.0
MJU-49/B (ALLOY)		07		112.3	92.2	20.1	16	4.1																						0.0
MJU-57 (TBD)		07		35.0		35.0			5.7	5.7	5.7	5.7	5.7	5.7	0.8															0.0
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010												B A L											
							2009		CALENDAR YEAR 2010								CALENDAR YEAR 2011													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
AAED ALE-50 (RAYTHEON)		05		0.0		0.0																								0.0
FOTD/IDECM (BAE)		06		0.0		0.0																								0.0
MJU-49/B (ALLOY)		05		0.0		0.0																								0.0
MJU-49/B (ALLOY)		06		0.0		0.0																								0.0
MJU-57 (CAAA)		05		0.0		0.0																								0.0
MJU-57 (CAAA)		06		0.0		0.0																								0.0
Remarks:																														

**BUDGET ITEM JUSTIFICATION SHEET****P-40****DATE:****February 2006**

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS****019400, JET ASSISTED TAKE OFF (JATOs)**

Program Element for Code B Items:

Other Related Program Elements

	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program
Quantity											
Cost (\$M)	\$42.0	A	\$4.5	\$4.5	\$4.6	\$4.8	\$4.8	\$4.9	\$5.1	Cont	Cont

**MISSION DESCRIPTION:** The JATOs currently in production are the MK117 and MK125. JATOs are relatively small solid propellant rocket motors used to assist aircraft during takeoff, and launch target drones and Remotely Piloted Vehicles (RPVs).

**Intended use:** Two MK117s are used to launch one BQM 74C target. One MK125 is used to launch the Pioneer RPV.

**Product Improvement:** Safety and reliability product improvement to qualify alternative hardware.

**P-1 SHOPPING LIST**

**BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS**

DATE:

**P40-A****February 2006****APPROPRIATION/BUDGET ACTIVITY****P-1 ITEM NOMENCLATURE****PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS****019400, JET ASSISTED TAKE OFF (JATOs)**

Procurement Items	ID Code	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
MK 117 MOD O ROCKET MOTOR (H341)												
Quantity	A	6,029	433	602	732							
Funding		23,223	1,631	2,315	2,870							
MK 125 RATO (H311/HA19)												
Quantity	A	2,022	383	264	170							
Funding		10,267	1,884	1,323	869							
Other Costs		8,506	967	868	904							
Total P-1 Funding		\$41,996	\$4,482	\$4,506	\$4,643							

Notes: \*Rocket Assisted Take Off (RATO)

**P-1 SHOPPING LIST**

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: <b>February 2006</b>					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>5"/54 GUN AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. A1AC</b>								Other Related Program Elements <b>BLIN: 025000</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$23.1</b>	<b>\$26.1</b>	<b>\$24.5</b>	<b>\$26.6</b>	<b>\$26.3</b>	<b>\$26.6</b>	<b>\$27.2</b>		
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>5"/54 ammunition is fired from cruiser and destroyer type of combatant ships against air, surface, and shore targets. Program procures three types of propelling charges, five types of high-explosive projectiles, three specialty projectiles (includes the Ship Self-Defense KE-ET round), two pure training rounds and several ancillary rounds (dummy, gage and test). Program also supports newly developed multi-function fuze and multi-option fuze modernization.</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p>													

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CLASSIFICATION:

**UNCLASSIFIED**

<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE:			
<b>P-40</b>										<b>February 2006</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>5"/54 GUN AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. A1AC</b>								Other Related Program Elements <b>BLIN: 025000</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$23.1</b>	<b>\$26.1</b>	<b>\$24.5</b>	<b>\$26.6</b>	<b>\$26.3</b>	<b>\$26.6</b>	<b>\$27.2</b>		

CONTINUED:

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

GAUGE: These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.

Of the amount shown above for FY06, \$511K was provided for the hurricane supplemental.

CLASSIFICATION:

**UNCLASSIFIED**



CLASSIFICATION:

**UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System							DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 025000	P-1 ITEM NOMENCLATURE/SUBHEAD 5"/54 GUN AMMUNITION SUBHEAD NO. A1AC								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AC100	5"/54 AMMUNITION COMPONENTS 5"/54 CHG, PROP, FULL, MK 67, 5"/54 PROJ, BLP/T  PE/QA SMCA	D326 D349					25,734 18,480	349.73 295.56	9,000 5,462	26,559 20,976	591.99 283.39	15,723 5,944	28,821	654.02	18,850
AC830	PRODUCTION ENGINEERING								1,851			1,905			2,028
AC850	PRODUCT IMPROVEMENT								4,262			1,000			2,533
AC893	RENOVATION COMPONENTS								1,950			876			450
AC894	GAUGE REQUIREMENTS								425			450			439
AC895	NON-STANDARD								95			187			239
SUBTOTAL (PAGE 1 OF P5)									23,058			26,093			24,547

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

ITEM NO. 10

PAGE NO. 3

CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2006			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE 5"/54 GUN AMMUNITION BLIN: 025000				SUBHEAD A1AC	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AC100										
5"/54 AMMUNITION COMPONENTS										
5"/54 CHG, PROP, FULL, MK 67, UNIVERSAL D326										
FY 2003	5236	781.41	JMC ROCK ISLAND	Oct-02	MIPR	MCALESTER AAP	Mar-04	May-07	YES	
FY 2005	25734	349.73	JMC ROCK ISLAND	Oct-04	MIPR	MCALESTER AAP	Feb-05	May-07	YES	
FY 2006	26559	591.99	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Jan-08	YES	
FY 2007	28821	654.02	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Mar-07	Jan-09	NO	Jul-06
5"/54 PROJ, BLP/T D349										
FY 2004	18000	234.15	JMC ROCK ISLAND	Oct-03	MIPR	CRANE AAA	Jan-04	Feb-06	YES	
FY 2005	18480	295.56	JMC ROCK ISLAND	Oct-04	MIPR	CRANE AAA	Jan-05	Dec-06	YES	
FY 2006	20976	283.39	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Feb-08	YES	
D. REMARKS										
NOTE: All items shown are priced with available GFM.										



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CLASSIFICATION:

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE:			
<b>P-40</b>										<b>February 2006</b>			
APPROPRIATION/BUDGET ACTIVITY								P-1 ITEM NOMENCLATURE					
<b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								<b>76MM GUN AMMUNITION</b>					
Program Element for Code B Items:								Other Related Program Elements					
<b>SUBHEAD NO. A1AF</b>								<b>BLIN: 026500</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$2.8</b>								

ITEM DESCRIPTION/JUSTIFICATION:

The 76MM caliber cartridge is a fixed round of ammunition for use in the MK 75 gun mount. Navy's primary use is against air targets, but it may be used against surface and short targets. United States Coast Guard's (USCG) primary use is drug interdiction, homeland defense, and Visit, Board, Search and Seize (VBSS). The weapon system, the MK 75 gun mount and MK 92 fire control system, has been designated for use on guided missile frigates (FFG), and USCG high endurance and medium cutters. Program procures three types of high-explosive projectiles, two pure training rounds and several ancillary rounds (dummy, gage and test).

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

PRODUCTION ENGINEERING: Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

BLIN 026500 Program was transferred to BLIN 026600 (Intermediate Caliber) starting with FY 06.

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CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40									DATE: <b>February 2006</b>				
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>76MM GUN AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. A1AF</b>								Other Related Program Elements <b>BLIN: 026500</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$2.8</b>								
<p><u>CONTINUED:</u></p> <p><u>PRODUCT IMPROVEMENT:</u> The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p> <p><u>RENOVATION COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.</p> <p><u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p><u>NON-STANDARD ITEMS:</u> The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p> <p>All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.</p> <p>FY05 Budget Controls include \$1.697M Cost of War (COW).</p>													

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System							DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 026500	P-1 ITEM NOMENCLATURE/SUBHEAD 76MM GUN AMMUNITION SUBHEAD NO. A1AF									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
AF100	76MM AMMUNITION COMPONENTS CTG, 76MM, BLP	C062					5,675	299.02	1,697							
	PE/QA SMCA								13							
AF830	PRODUCTION ENGINEERING								648							
AF850	PRODUCT IMPROVEMENT															
AF893	RENOVATION COMPONENTS								407							
AF894	GAUGE REQUIREMENTS								50							
AF895	NON-STANDARD								30							
SUBTOTAL (PAGE 1 OF P5)									2,845			0			0	

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

ITEM NO. 11

PAGE NO. 3

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<b>BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)</b>						Weapon System		A. DATE <b>February 2006</b>		
<b>B. APPROPRIATION/BUDGET ACTIVITY</b> <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>					<b>C. P-1 ITEM NOMENCLATURE</b> <b>76MM GUN AMMUNITION</b> <b>BLIN: 026500</b>				<b>SUBHEAD</b> <b>A1AF</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AF100  CTG, 76MM, BLP C062  FY 2003 FY 2005	10044 5675	456.25 299.02	JMC ROCK ISLAND JMC ROCK ISLAND	Oct-02 Jun-05	MIPR MIPR	CRANE AAA CRANE AAA	Mar-03 Oct-05	Mar-06 Jul-07	YES YES	
D. REMARKS										
NOTE: All items shown are priced with available GFM.										



CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: <b>February 2006</b>					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b> Program Element for Code B Items: <b>SUBHEAD NO. A1AL</b>								P-1 ITEM NOMENCLATURE <b>INTERMEDIATE CALIBER GUN AMMUNITION</b> Other Related Program Elements					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$0.0</b>	<b>\$1.4</b>	<b>\$5.7</b>	<b>\$9.8</b>	<b>\$12.6</b>	<b>\$14.4</b>	<b>\$16.6</b>		
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>The intermediate caliber cartridge is a family of fixed rounds of ammunition for use in shipboard intermediate caliber gun weapon systems (GWS). Navy's primary use for an intermediate caliber GWS will be to address both surface and air targets. United States Coast Guard's (USCG) primary use is drug interdiction, homeland defense, and Visit, Board, Search and Seize (VBSS). Intermediate caliber GWS are currently employed on US Navy guided missile frigates (FFGs) and US Coast Guard Cutters. An intermediate caliber GWS is designated for use on the new Littoral Combat Ship (LCS) and DD(X) class of US Navy ships and the USCG National Security Cutter. The program procures both High Explosive service rounds as well as Target Practice and dummy rounds for this GWS.</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p>													

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE: <b>February 2006</b>			
<b>P-40</b>													
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>INTERMEDIATE CALIBER GUN AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. A1AL</b>								Other Related Program Elements <b>BLIN: 026600</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$0.0</b>	<b>\$1.4</b>	<b>\$5.7</b>	<b>\$9.8</b>	<b>\$12.6</b>	<b>\$14.4</b>	<b>\$16.6</b>		

CONTINUED:

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

GAUGE: These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

Of the amount shown above for FY06, \$143K was provided for the hurricane supplemental.

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System							DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 026600		P-1 ITEM NOMENCLATURE/SUBHEAD INTERMEDIATE CALIBER GUN AMMUNITION SUBHEAD NO. A1AL								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
AL100	INTERMEDIATE CALIBER GUN AMMUNITION COMPONENTS CART., 57MM, 3P MK295 CART., 57MM TP MK296  PE/QA SMCA	BA22 BA23									1,096	516.33	566	1,880 510	2500.00 600.00	4,700 306
AL830	PRODUCTION ENGINEERING												720			627
AL850	PRODUCT IMPROVEMENT															
AL893	RENOVATION COMPONENTS															
AL894	GAUGE REQUIREMENTS												50			96
AL895	NON-STANDARD												43			
SUBTOTAL (PAGE 1 OF P5)						0			0			1,379				5,729

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

ITEM NO. 12

PAGE NO. 3

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B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE INTERMEDIATE CALIBER GUN AMMUNITION BLIN: 026600			A. DATE February 2006		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AL100										
INTERMEDIATE CALIBER GUN AMMUNITION COMPONENTS										
CART., 57MM, 3P MK295 BA22										
FY 2007	1880	2500.00	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Oct-08	NO	Jul-06
CART., 57MM TP MK296 BA23										
FY 2006	1096	516.33	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES	
FY 2007	510	600.00	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Oct-08	NO	Jul-06

D. REMARKS  
  
NOTE: All items shown are priced with available GFM.



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CLASSIFICATION:

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE:			
<b>P-40</b>										<b>February 2006</b>			
APPROPRIATION/BUDGET ACTIVITY								P-1 ITEM NOMENCLATURE					
<b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								<b>OTHER SHIP GUN AMMUNITION</b>					
Program Element for Code B Items:								Other Related Program Elements					
<b>SUBHEAD NO. A1AG</b>								<b>BLIN: 027000</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$19.9</b>	<b>\$35.7</b>	<b>\$21.8</b>	<b>\$26.2</b>	<b>\$42.6</b>	<b>\$36.7</b>	<b>\$37.7</b>		

ITEM DESCRIPTION/JUSTIFICATION:

The OSGA program consists of 40 medium caliber types of gun ammunition (20MM, 25MM, 30MM, 40MM, 60MM mortars). This supports active Navy ships, and active and reserve ashore warfare forces including mobile construction battalions (MCB), amphibious construction battalion (ACB), mobile security forces (MSF), fleet combat readiness groups, inshore undersea warfare groups and several other type operational units. Program includes support for emergent anti-terrorism/force protection and homeland defense requirements.

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

PRODUCTION ENGINEERING: Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

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CLASSIFICATION:

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE:			
<b>P-40</b>										<b>February 2006</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>OTHER SHIP GUN AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. A1AG</b>								Other Related Program Elements <b>BLIN: 027000</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$19.9</b>	<b>\$35.7</b>	<b>\$21.8</b>	<b>\$26.2</b>	<b>\$42.6</b>	<b>\$36.7</b>	<b>\$37.7</b>		

CONTINUED:

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

GAUGE: These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.

FY05 Budget Controls include \$4.060M Cost of War (COW).

Of the amount shown above for FY06, \$551K was provided for the hurricane supplemental.

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PROCUREMENT PROGRAM - RESERVE COMPONENTS P-1R						Weapon System						DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 027001		P-1 ITEM NOMENCLATURE/SUBHEAD OTHER SHIP GUN AMMUNITION SUBHEAD NO. A1AG							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AG000	OTHER SHIP GUN AMMUNITION						1,235		52	1,060		53	1,262		54
			0			0			52			53			54

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CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System							DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 027000	P-1 ITEM NOMENCLATURE/SUBHEAD OTHER SHIP GUN AMMUNITION SUBHEAD NO. A1AG								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AG100	25MM CARTRIDGES	A976 AA98													
	CTG, 25MM, TP-T, M793														
	CART.,25MM HEI-T/SAPHEI-T LI					100,000	44.90	4,490	198,000	14.76	2,923	235,015	15.39	3,617	
									126,885	44.16	5,603	143,500	44.88	6,440	
	30MM CARTRIDGES	AA89													
	CART., 30MM HEI-T/MP LKD						1,453	130.00	189	14,250	100.00	1,425			
	40MM GRENADE CARTRIDGES	40RC B519 B535 B542 B576 B650 WM30													
	CTG., 40MM SERVICE F/MK19 (U												132,128	34.47	4,555
	CTG., 40MM, PRAC., M79 F/M203						134,600	3.28	441	45,000	4.37	197	40,000	3.88	155
	CTG 40MM M583A1						11,264	39.04	440						
	CTG 40MM,M430 F/MK19						176,160	31.10	5,479	106,240	31.17	3,312			
	CTG, 40MM, FIXED, PRAC., F/MK						156,288	15.23	2,379						
	CTG, 40MM, BLANK, SAL (350&20						7,992	38.98	312	8,010	107.52	861	8,010	110.76	887
CTG, 40MM, 300 METER									50,000	22.46	1,123	50,000	22.82	1,141	
AG200	20MM CARTRIDGES	AA61													
	CART., 20MM ELC						228,750	21.34	4,883	708,700	25.62	18,157	145,123	26.03	3,778
	PE/QA SMCA-AG100								504			269			233
	PE/QA SMCA-AG200														
AG830	PRODUCTION ENGINEERING								741			900			942
AG850	PRODUCT IMPROVEMENT											340			
AG893	RENOVATION COMPONENTS														
AG894	GAUGE REQUIREMENTS											21			24
AG895	NON-STANDARD											552			
TOTAL (PAGE 1 OF P5-1)									19,858			35,683			21,772

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

ITEM NO. 13

PAGE NO. 4

CLASSIFICATION:

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CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2006			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION BLIN: 027000				SUBHEAD A1AG	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AG100										
25MM CARTRIDGES										
CTG, 25MM, TP-T, M793 A976										
FY 2004	214775	10.98	JMC ROCK ISLAND	Oct-03	MIPR	GD-OTS	Jan-04	Mar-06	YES	
FY 2006	198000	14.76	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Jun-07	YES	
FY 2007	235015	15.39	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Jun-08	NO	Jul-06
CART.,25MM HEI-T/SAPHEI-T LINKED AA98										
FY 2005	100000	44.90	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Mar-06	Feb-07	YES	
FY 2006	126885	44.16	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Jun-07	YES	
FY 2007	143500	44.88	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Jun-08	NO	Jul-06
30MM CARTRIDGES										
CART., 30MM HEI-T/MP LKD AA89										
FY 2004	2404	130.00	NSWC CRANE	Oct-03	CONTRACT	ATK/NAMMO	Dec-05	Mar-07	YES	
FY 2005	1453	130.00	NSWC CRANE	Oct-04	CONTRACT	ATK/NAMMO	Sep-05	Mar-07	YES	
FY 2006	14250	100.00	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES	
40MM GRENADE CARTRIDGES										
CTG., 40MM SERVICE F/MK19 (USMC FCT) 40RC										
FY 2007	132128	34.47	NSWC DAHLGREN	Oct-06	CONTRACT	UNKNOWN	Jan-07	Aug-08	NO	Jul-06

D. REMARKS

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2006			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION BLIN: 027000				SUBHEAD A1AG	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AG100 CONTINUED										
40MM GRENADE CARTRIDGES										
CTG., 40MM, PRAC., M79 F/M203 B519										
FY 2005	134600	3.28	JMC ROCK ISLAND	Oct-04	MIPR	AMTEC/BALIMOY	Jul-05	Aug-06	YES	
FY 2006	45000	4.37	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Apr-07	YES	
FY 2007	40000	3.88	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Mar-07	Apr-08	NO	Jul-06
CTG 40MM M583A1 B535										
FY 2005	11264	39.04	JMC ROCK ISLAND	Oct-04	MIPR	BALIMOY	Jul-05	Aug-06	YES	
CTG 40MM,M430 F/MK19 B542										
FY 2004	207008	22.05	JMC ROCK ISLAND	Oct-03	MIPR	AMERICAN ORDNANCE LLC	Oct-05	May-07	YES	
FY 2005	176160	31.10	JMC ROCK ISLAND	Oct-04	MIPR	AMERICAN ORDNANCE LLC	Dec-05	Jul-07	YES	
FY 2006	106240	31.17	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Aug-07	YES	
CTG, 40MM, FIXED, PRAC., F/MK19 B576										
FY 2005	156288	15.23	JMC ROCK ISLAND	Oct-04	MIPR	AMTEC	Jul-05	Apr-07	YES	
CTG, 40MM, BLANK, SAL (350&200 GRAMS) B650										
FY 2005	7992	38.98	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-06	Jul-07	YES	
FY 2006	8010	107.52	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Jul-07	YES	
FY 2007	8010	110.76	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Jan-07	Jul-08	NO	Jul-06
D. REMARKS										
NOTE: All items shown are priced with available GFM.										



CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		A. DATE February 2006		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION BLIN: 027000				SUBHEAD A1AG	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AG100 CONTINUED										
40MM GRENADE CARTRIDGES CTG, 40MM, 300 METER WM30										
FY 2006	50000	22.46	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Mar-06	Mar-07	YES	
FY 2007	50000	22.82	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Mar-07	Mar-08	NO	Jul-06
AG200										
20MM CARTRIDGES CART., 20MM ELC AA61										
FY 2004	271251	21.56	NSWC CRANE	Oct-03	CONTRACT	ATK	Feb-05	Oct-06	YES	
FY 2005	228750	21.34	NSWC CRANE	Oct-04	CONTRACT	ATK	Feb-05	Oct-06	YES	
FY 2006	708700	25.62	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Feb-06	Oct-07	YES	
FY 2007	145123	26.03	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Oct-08	NO	Jul-06

D. REMARKS  
  
NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: <b>February 2006</b>					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>SMALL ARMS AND LANDING PARTY AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. A1AH</b>								Other Related Program Elements <b>BLIN: 033500</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$45.2</b>	<b>\$38.2</b>	<b>\$32.6</b>	<b>\$33.6</b>	<b>\$34.8</b>	<b>\$36.6</b>	<b>\$38.7</b>		
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>This program provides ammunition in support of active Navy ships and for active and reserve ashore warfare forces including: mobile construction battalions (MCB), amphibious construction battalion (ACB) and fleet combat readiness groups, inshore undersea warfare groups and several other type operational units.</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p> <p>FY05 Budget Controls include \$20.959M Cost of War.</p> <p>FY06 Budget Controls include \$2.4M provided in Title IX and \$631K provided in the hurricane supplemental.</p>													

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE: <b>February 2006</b>			
<b>P-40</b>													
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>SMALL ARMS AND LANDING PARTY AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. A1AH</b>								Other Related Program Elements <b>BLIN: 033500</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$45.2</b>	<b>\$38.2</b>	<b>\$32.6</b>	<b>\$33.6</b>	<b>\$34.8</b>	<b>\$36.6</b>	<b>\$38.7</b>		

CONTINUED:

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

GAUGE: These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.

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PROCUREMENT PROGRAM - RESERVE COMPONENTS P-1R						Weapon System						DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 033501		P-1 ITEM NOMENCLATURE/SUBHEAD SMALL ARMS AND LANDING PARTY AMMUNITION SUBHEAD NO. A1AH							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH000	SMALL ARMS AND LANDING PARTY AMMUNITION						612,385		1,067	155,963		68	162,844		71
			0			0			1,067			68			71

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CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System							DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 033500	P-1 ITEM NOMENCLATURE/SUBHEAD SMALL ARMS AND LANDING PARTY AMMUNITION SUBHEAD NO. A1AH								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH100	SHOTGUN CARTRIDGES														
	CTG, 12 GA, NO. 00	A011					1,804,160	0.35	631	1,000,000	0.36	360	2,001,920	0.38	761
	CTG,12 GA NO.9	A017								70,000	0.19	14			
	CTG, 12 GA, FRANGIBLE	AA86											440,000	0.54	238
	CTG, 12 GA WARNING MUNITION,	LA51								190,000	7.75	1,473	200,000	7.87	1,574
	CTG, 12 GA WARNING MUNITION,	LA52								190,000	7.75	1,473	200,000	7.87	1,574
	5.56MM CARTRIDGES														
	CTG,5.56MM M855	A059					2,750,160	0.24	660	8,500,800	0.24	2,040	4,020,240	0.29	1,166
	CTG, 5.56MM, BLANK	A080					430,920	0.12	52	3,360,720	0.12	403	2,462,400	0.14	345
	CTG.CAL.5.56MM, FRANGIBLE	AA40					535,920	0.46	247				325,080	0.50	162
	7.62MM CARTRIDGES														
	CTG, 7.62MM BLNK	A111								510,400	0.38	194	600,000	0.33	198
	CTG, 7.62MM, LKD, BALL AND TR	A131					7,009,600	0.54	3,785	8,050,400	0.54	4,347	5,000,000	0.63	3,150
	CTG, 7.62MM, BALL, M80, LKD	A143											1,000,000	0.76	760
	CTG, 7.62MM, LKD	A165											1,500,000	0.51	765
	CTG.,7.62MM	AA04											80,000	2.12	170
	CTG, 7.62mm, SHORT RANGE TRAI	AA37											120,000	0.77	92
	9MM CARTRIDGES														
	CTG, 9MM, BALL	A363					3,668,000	0.11	403	10,002,000	0.11	1,100	22,274,000	0.12	2,673
	CTG, 9MM, FX, MARKING, RED	AA12					573,800	0.35	201				180,000	0.41	74
	CTG, 9MM, FRANGIBLE	AA16								500,000	0.18	90	1,000,000	0.18	180
	CTG, 9MM, FX, MARKING, BLUE	AA21											392,000	0.41	161
	MINES														
	MINE, ANTIPERSONNEL M18A1/T48	K143											498	514.98	256
	RIOT CNTRL,CS	K765											10,000	0.71	7
SUBTOTAL (PAGE 1 OF P5)									5,979			11,494			14,306

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

ITEM NO. 14

PAGE NO. 4

CLASSIFICATION:

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CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System							DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 033500		P-1 ITEM NOMENCLATURE/SUBHEAD SMALL ARMS AND LANDING PARTY AMMUNITION SUBHEAD NO. A1AH							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH100	CONTINUED														
	.50 CAL CARTRIDGES	A555													
	CTG, .50 CAL, LKD, BALL	A557								200,000	2.45	490	500,000	2.49	1,245
	CTG, .50 CAL, LKD & TRACER	A576					6,692,600	1.98	13,251	4,000,000	2.24	8,960	5,173,600	2.42	12,520
	CTG.,50 LINKED	A606					2,932,400	2.34	6,862	6,439,400	2.39	15,390	1,001,600	2.77	2,774
	CTG 50 211-0	AA06								14,880	9.41	140	7,920	9.57	76
	CTG, .50 CAL, MK 211, APIT, M						2,906,200	6.14	17,844						
	GRENADES														
AH350	FUZE,DELAY M228	G878											3,960	3.96	16
	MATCH AMMO														
	CTG, .22 CAL, BALL, LR, MATCH	A097											316,000	0.15	47
	CTG., 5.56MM Match	AA53								400,000	0.54	216	400,000	0.55	220
	PE/QA SMCA								131			554			440
AH830	PRODUCTION ENGINEERING								750			800			821
AH850	PRODUCT IMPROVEMENT														
AH893	RENOVATION COMPONENTS														
AH894	GAUGE REQUIREMENTS														
AH895	NON-STANDARD								400						
AH350	MATCH AMMO								17			156			182
	SUBTOTAL (PAGE 2 OF P5)								39255			26706			18341
TOTAL									45,234			38,200			32,647

CLASSIFICATION:

**UNCLASSIFIED****BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)**

Weapon System

A. DATE

**February 2006****B. APPROPRIATION/BUDGET ACTIVITY****PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1****C. P-1 ITEM NOMENCLATURE****SMALL ARMS AND LANDING PARTY AMMUNITION****BLIN: 033500****SUBHEAD****A1AH**

Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AH100										
SHOTGUN CARTRIDGES CTG, 12 GA, NO. 00 A011										
FY 2004	2021760	0.34	JMC ROCK ISLAND	Oct-03	MIPR	Olin Corp	Mar-04	Nov-04	YES	
FY 2005	1804160	0.35	JMC ROCK ISLAND	Oct-04	MIPR	OLIN WINCHESTER	Dec-04	Mar-06	YES	
FY 2006	1000000	0.36	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Aug-06	YES	
FY 2007	2001920	0.38	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Aug-07	NO	Jul-06
CTG,12 GA NO.9 A017										
FY 2006	70000	0.19	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Aug-06	YES	
CTG, 12 GA, FRANGIBLE AA86										
FY 2003	436160	0.52	NSWC CRANE	Oct-02	CONTRACT	REMINGTON ARMS COMPAN	May-04	Apr-06	YES	
FY 2007	440000	0.54	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 12 GA WARNING MUNITION, 100 METER LA51										
FY 2006	190000	7.75	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	200000	7.87	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 12 GA WARNING MUNITION, 200 METER LA52										
FY 2006	190000	7.75	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	200000	7.87	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06

**D. REMARKS**

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2006			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE SMALL ARMS AND LANDING PARTY AMMUNITION BLIN: 033500				SUBHEAD A1AH	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AH100 CONTINUED										
5.56MM CARTRIDGES										
CTG,5.56MM M855 A059										
FY 2002	2027760	0.21	JMC ROCK ISLAND	Oct-01	MIPR	ALLIANT TECHSYSTEMS	Sep-04	Nov-05	YES	
FY 2003	1364160	0.21	JMC ROCK ISLAND	Oct-02	MIPR	ALLIANT TECHSYSTEMS	Sep-04	Nov-05	YES	
FY 2003	77280	0.21	JMC ROCK ISLAND	Oct-02	MIPR	ALLIANT TECHSYSTEMS	Sep-05	Jun-06	YES	
FY 2004	2471280	0.20	JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	Mar-04	Mar-05	YES	
FY 2005	2750160	0.24	JMC ROCK ISLAND	Oct-04	MIPR	MULTIPLE CONTRACTORS	Mar-05	Apr-06	YES	
FY 2006	8500800	0.24	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	4020240	0.29	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 5.56MM, BLANK A080										
FY 2005	430920	0.12	JMC ROCK ISLAND	Oct-04	MIPR	GENERAL DYNAMICS ORD &	Aug-05	Feb-07	YES	
FY 2006	3360720	0.12	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	2462400	0.14	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG.CAL.5.56MM, FRANGIBLE AA40										
FY 2005	535920	0.46	NSWC CRANE	Oct-04	CONTRACT	OLIN WINCHESTER	Aug-05	May-06	YES	
FY 2007	325080	0.50	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
7.62MM CARTRIDGES										
CTG,7.62MM BLNK A111										
FY 2006	510400	0.38	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	600000	0.33	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
D. REMARKS										
NOTE: All items shown are priced with available GFM.										



CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2006			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE SMALL ARMS AND LANDING PARTY AMMUNITION BLIN: 033500				SUBHEAD A1AH	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AH100 CONTINUED										
7.62MM CARTRIDGES										
CTG, 7.62MM, LKD, BALL AND TRACER A131										
FY 2003	53600	0.47	JMC ROCK ISLAND	Oct-02	MIPR	ALLIANT TECHSYSTEMS	Mar-05	Sep-06	YES	
FY 2004	3424000	0.46	JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	Jun-04	Nov-05	YES	
FY 2005	7009600	0.54	JMC ROCK ISLAND	Oct-04	MIPR	MULTIPLE CONTRACTORS	Dec-04	Sep-06	YES	
FY 2006	8050400	0.54	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	5000000	0.63	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 7.62MM, BALL, M80, LKD A143										
FY 2007	1000000	0.76	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 7.62MM, LKD A165										
FY 2004	3181500	0.42	JMC ROCK ISLAND	Oct-03	MIPR	MULTIPLE CONTRACTORS	Feb-04	Aug-05	YES	
FY 2007	1500000	0.51	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG.,7.62MM AA04										
FY 2007	80000	2.12	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
CTG, 7.62mm, SHORT RANGE TRAINING AMMO AA37										
FY 2007	120000	0.77	ARDEC	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
9MM CARTRIDGES										
CTG, 9MM, BALL A363										
FY 2003	290000	0.11	JMC ROCK ISLAND	Oct-02	MIPR	OLIN WINCHESTER	Aug-05	Oct-05	YES	
FY 2005	3668000	0.11	JMC ROCK ISLAND	Oct-04	MIPR	OLIN WINCHESTER	Sep-05	Mar-06	YES	
FY 2006	10002000	0.11	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Aug-06	YES	
FY 2007	22274000	0.12	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Aug-07	NO	Jul-06

D. REMARKS

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2006			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE SMALL ARMS AND LANDING PARTY AMMUNITION BLIN: 033500				SUBHEAD A1AH	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AH100 CONTINUED										
9MM CARTRIDGES										
CTG, 9MM, FX, MARKING, RED AA12										
FY 2005	573800	0.35	NSWC CRANE	Oct-04	CONTRACT	CANADIAN COMMERCIAL	Aug-05	Jul-06	YES	
FY 2007	180000	0.41	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Jan-08	NO	Jul-06
CTG, 9MM, FRANGIBLE AA16										
FY 2006	500000	0.18	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	
FY 2007	1000000	0.18	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
CTG, 9MM, FX, MARKING, BLUE AA21										
FY 2007	392000	0.41	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Jan-08	NO	Jul-06
MINES										
MINE, ANTIPERSONNEL M18A1/T48E3 K143										
FY 2007	498	514.98	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
RIOT CNTRL,CS K765										
FY 2007	10000	0.71	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Jan-07	Nov-07	NO	Jul-06
.50 CAL CARTRIDGES										
CTG, .50 CAL, LKD, BALL A555										
FY 2006	200000	2.45	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	500000	2.49	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
D. REMARKS										
NOTE: All items shown are priced with available GFM.										

CLASSIFICATION:

**UNCLASSIFIED****BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)**

Weapon System

A. DATE

**February 2006****B. APPROPRIATION/BUDGET ACTIVITY****PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1****C. P-1 ITEM NOMENCLATURE****SMALL ARMS AND LANDING PARTY AMMUNITION****BLIN: 033500****SUBHEAD****A1AH**

Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AH100 CONTINUED										
.50 CAL CARTRIDGES										
CTG, .50 CAL, LKD & TRACER A557										
FY 2004	951600	1.78	JMC ROCK ISLAND	Oct-03	MIPR	MULTIPLE CONTRACTORS	Mar-04	Sep-04	YES	
FY 2005	6692600	1.98	JMC ROCK ISLAND	Oct-04	MIPR	MULTIPLE CONTRACTORS	Sep-05	Nov-05	YES	
FY 2006	4000000	2.24	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	5173600	2.42	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG,.50 LINKED A576										
FY 2005	2932400	2.34	JMC ROCK ISLAND	Oct-04	MIPR	MULTIPLE CONTRACTORS	Aug-05	Jul-07	YES	
FY 2006	6439400	2.39	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	1001600	2.77	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG 50 211-0 A606										
FY 2006	14880	9.41	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	7920	9.57	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, .50 CAL, MK 211, APIT, M20 4 & 1 LK AA06										
FY 2002	497200	6.03	JMC ROCK ISLAND	Oct-01	MIPR	ALLIANT TECHSYSTEMS	Sep-02	Jul-05	YES	
FY 2003	1220200	5.89	JMC ROCK ISLAND	Oct-02	MIPR	ALLIANT TECHSYSTEMS	May-04	Feb-06	YES	
FY 2003	5200	6.17	JMC ROCK ISLAND	Oct-02	MIPR	ALLIANT TECHSYSTEMS	Mar-05	Feb-07	YES	
FY 2004	1697000	5.90	JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	May-04	Jul-06	YES	
FY 2005	2906200	6.14	JMC ROCK ISLAND	Oct-04	MIPR	ALLIANT TECHSYSTEMS	Sep-05	Feb-08	YES	

**D. REMARKS**

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

**UNCLASSIFIED****BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)**

Weapon System

A. DATE

**February 2006****B. APPROPRIATION/BUDGET ACTIVITY****PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1****C. P-1 ITEM NOMENCLATURE****SMALL ARMS AND LANDING PARTY AMMUNITION****BLIN: 033500****SUBHEAD****A1AH**

Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AH100 CONTINUED										
GRENADES FUZE, DELAY M228 G878 FY 2007	3960	3.96	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Jan-08	NO	Jul-06
AH350										
MATCH AMMO CTG, .22 CAL, BALL, LR, MATCH, RIFLE A097 FY 2007	316000	0.15	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
CTG., 5.56MM Match AA53 FY 2006	400000	0.54	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	
FY 2007	400000	0.55	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06

**D. REMARKS**

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE:			
<b>P-40</b>										<b>February 2006</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>PYROTECHNICS AND DEMOLITION MATERIAL</b>					
Program Element for Code B Items: <b>SUBHEAD NO. A1AJ</b>								Other Related Program Elements <b>BLIN: 034000</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$11.8</b>	<b>\$14.1</b>	<b>\$9.2</b>	<b>\$10.1</b>	<b>\$9.7</b>	<b>\$11.5</b>	<b>\$11.9</b>		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u>  <p>This program provides pyrotechnics and demolition materials for all active naval vessels, amphibious and mobile construction battalions, mobile diving and salvage units, cargo handling and port groups, naval security groups, fleet composite operational readiness groups (formerly beachjumper unit (BJU's)) and explosive ordnance disposal groups/mobile units/detachments/teams. This program also provides materials to support the ship shock test program.</p> <p>Pyrotechnics are required to support the surface, air, ground, and underwater Navy requirements. These items consist of illumination, signalling, identification, and location devices using flare or smoke as the primary signalling agent. Pyrotechnics are used for training, combat exercises, submarine rescue and personnel search and rescue operations. Demolitions consist of explosive devices and accessories and are required for fleet units to perform training functions and operations/requirements. Fleet requirements are based upon CNO approved allowance lists for special needs on a case by case basis and worldwide fleet expenditure.</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p>													

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CLASSIFICATION:

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE:			
<b>P-40</b>										<b>February 2006</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>PYROTECHNICS AND DEMOLITION MATERIAL</b>					
Program Element for Code B Items: <b>SUBHEAD NO. A1AJ</b>								Other Related Program Elements <b>BLIN: 034000</b>					
	Prior Years	ID Code			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)					<b>\$11.8</b>	<b>\$14.1</b>	<b>\$9.2</b>	<b>\$10.1</b>	<b>\$9.7</b>	<b>\$11.5</b>	<b>\$11.9</b>		

CONTINUED:

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related efforts by the producing contractor of manufacturing installation. To extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

GAUGE: These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

FY05 Budget Controls include \$1.276M Cost of War.

Of the amount shown above for FY06, \$374 was provided for the hurricane supplemental.

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PROCUREMENT PROGRAM - RESERVE COMPONENTS P-1R						Weapon System						DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 034001		P-1 ITEM NOMENCLATURE/SUBHEAD PYROTECHNICS AND DEMOLITION MATERIAL SUBHEAD NO. A1AJ							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AJ000	PYROTECHNICS AND DEMOLITION MATERIAL						6,975		83	7,043		85	7,274		88
			0			0			83			85			88

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CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System							DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 034000	P-1 ITEM NOMENCLATURE/SUBHEAD PYROTECHNICS AND DEMOLITION MATERIAL SUBHEAD NO. A1AJ								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AJ100	SIGNALS SIG, SMK ILLUM, MAR, MK124/13 SIGNAL, KIT MK 189 MOD 0 SIG, SMK ILLUM, MAR, MK 117,  TRAINING DEVICES SIM, HAND GRENADE, M116  MINE CHARGES & CHARGE CUTTERS CHARGE, LIDD, MK171 CHG, DML, BLK, COMP C-4, 1.25 CHG, DML, BLK, M118, PETN, 2L CHG, DML, BLK, CHAIN, 8-2.5 L CHG, ASSY, DML, M183/37	L283 L564 LA26  L601  DWDN M023 M024 M035 M757					9,144 708 998  4,050  1,706 19,500 1,435	55.55 35.03 1295.92  13.04  137.83 16.29 102.01	508 25 1,293  53  235 318 146	45,810      1,065 1,500	54.16      102.01 585.27	2,481      109 878	    4,000   1,500	    8.99   157.03	    36   236
SUBTOTAL (PAGE 1 OF P5)									2,578			3,468			272

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

ITEM NO. 15

PAGE NO. 4

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System							DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 034000		P-1 ITEM NOMENCLATURE/SUBHEAD PYROTECHNICS AND DEMOLITION MATERIAL SUBHEAD NO. A1AJ								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
AJ100	CONTINUED															
	DET CORDS, CAPS & FUZES															
	ACCESSORY KIT, MK 34 MOD 0	AFSK					1,500	151.00	227				2,500	155.90	390	
	DETONATOR, DEL, 175MS, MK156	DWEJ											10,005	10.29	103	
	FIRING DEVICE, ACOUSTIC, MK 5	DWES					61	1431.20	87				1,225	1547.45	1,896	
	REMOTE FIRING DEVICE, MK 64 M	DWFD					5,248	59.89	314	9,000	65.92	593				
	BREECH PLUG ASSEMBLY, TITANIUM	DWFL					1,660	111.77	186							
	CAP, BLASTING, ELECTRIC, MK 1	DWFP					23,650	60.40	1,429				25,750	69.90	1,800	
	CAP, BLASTING, ELEC, INERT	M098								4,000	7.86	31				
	CAP, BLASTING, NON-ELEC, M7	M131					35,000	4.58	160							
	CORD, DETONATING, PRIMACORD,	M456					1,092,000	0.42	454							
	FUZE, BLASTING, TIME	M670					840,000	0.23	193							
	SQUIB, ELECTRIC, MK 20	MG61								17,000	71.67	1,218				
	RADIO FIRING DEVICE (RFD) MK	ML06					64	19108.44	1,223							
	FIRING DEVICE, MK 59	MN44					103	760.19	78							
	DET, NON-EL, 50' DUAL, MK 153	MN51					138	54.83	8							
	FIRING DEVICE, MK 62	MN81								2,930	1250.00	3,663				
	CUTTERS & CARTRIDGES															
	BOLT, EXPL, MK5/0	M254					48	10500.00	504							
	CTG, IMPULSE, MK 148	M663								100	466.78	47				
	CARTRIDGE ASSEMBLY	MC91					100	1400.00	140							
	CTG, 50 CAL BLANK, ELEC, MK20	SS01								22,000	59.56	1,310	10,000	68.83	688	
	SHOCK TEST CHARGES															
	CHARGE, SHOCK TEST, 60 LB	XW65					525	1501.43	788	550	1111.65	612	550	1264.14	695	
	PE/QA SMCA								99			307			871	
	SUBTOTAL (PAGE 2 OF P5)								5890			7781			6443	
TOTAL									8,468			11,249			6,715	

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DD FORM 2446, JUN 86	P-1 SHOPPING LIST	CLASSIFICATION:
ITEM NO. 15	PAGE NO. 6	

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2006			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000				SUBHEAD A1AJ	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AJ100										
SIGNALS										
SIG, SMK ILLUM, MAR, MK124/13, DISTRESS L283										
FY 2002	798	45.85	JMC ROCK ISLAND	Oct-01	MIPR	PYROTECHNIC SPECIALTIE	Sep-04	Mar-06	YES	
FY 2003	6264	45.52	JMC ROCK ISLAND	Oct-02	MIPR	PYROTECHNIC SPECIALTIE	Sep-04	Mar-06	YES	
FY 2003	1728	42.34	JMC ROCK ISLAND	Jul-05	MIPR	PYROTECHNIC SPECIALTIE	Sep-05	Mar-07	YES	
FY 2004	34560	49.18	JMC ROCK ISLAND	Oct-03	MIPR	PYROTECHNIC SPECIALTIE	Sep-04	Mar-06	YES	
FY 2004	11268	45.43	JMC ROCK ISLAND	Jul-05	MIPR	PYROTECHNIC SPECIALTIE	Sep-05	Mar-07	YES	
FY 2005	9144	55.55	JMC ROCK ISLAND	Jul-05	MIPR	PYROTECHNIC SPECIALTIE	Sep-05	Mar-07	YES	
FY 2006	45810	54.16	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES	
SIG, SMK ILLUM, MAR, MK 117, GREEN LA26										
FY 2000	361	1595.74	NSWC CRANE	Oct-99	CONTRACT	CRANE AAA	Mar-01	Mar-06	YES	
FY 2004	141	1595.74	NSWC CRANE	Oct-03	CONTRACT	CRANE AAA	Nov-04	Mar-06	YES	
FY 2005	98	1595.74	NSWC CRANE	Oct-05	CONTRACT	CRANE AAA	Dec-05	Mar-06	YES	
FY 2005	900	1262.14	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES	
TRAINING DEVICES										
SIM, HAND GRENADE, M116 L601										
FY 2005	4050	13.04	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Sep-06	Sep-07	YES	
FY 2007	4000	8.99	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Sep-07	Sep-08	NO	Jul-06

D. REMARKS  
  
NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

**UNCLASSIFIED****BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)**

Weapon System

A. DATE

**February 2006****B. APPROPRIATION/BUDGET ACTIVITY****PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1****C. P-1 ITEM NOMENCLATURE****PYROTECHNICS AND DEMOLITION MATERIAL****BLIN: 034000****SUBHEAD****A1AJ**

Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AJ100 CONTINUED										
MINE CHARGES & CHARGE CUTTERS CHARGE, LIDD, MK171 DWDN										
FY 2001	4486	137.83	NSWC CRANE	Oct-00	CONTRACT	CRANE AAA	Jan-02	Jan-05	YES	
FY 2002	2406	137.83	NSWC CRANE	Oct-01	CONTRACT	CRANE AAA	May-02	Jan-05	YES	
FY 2005	1706	137.83	NSWC CRANE	Oct-04	CONTRACT	CRANE AAA	Jan-05	Feb-06	YES	
CHG, DML, BLK, COMP C-4, 1.25/2.5LB M023										
FY 2005	19500	16.29	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Aug-06	Aug-07	YES	
CHG, DML, BLK, M118, PETN, 2LB M024										
FY 2005	1435	102.01	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Apr-06	Feb-07	YES	
FY 2006	1065	102.01	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Feb-07	YES	
CHG, DML, BLK, CHAIN, 8-2.5 LB M035										
FY 2007	1500	157.03	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Feb-08	NO	Jul-06
CHG, ASSY, DML, M183/37 M757										
FY 2006	1500	585.27	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Apr-07	YES	
DET CORDS, CAPS & FUZES ACCESSORY KIT, MK 34 MOD 0 AFSK										
FY 2005	1500	151.00	NSWC CRANE	Jan-06	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	
FY 2007	2500	155.90	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06

**D. REMARKS**

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		A. DATE February 2006		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000				SUBHEAD A1AJ	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AJ100 CONTINUED										
DET CORDS, CAPS & FUZES DETONATOR, DEL, 175MS, MK156 MOD 0, 30FT DWEJ FY 2007	10005	10.29	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
FIRING DEVICE, ACOUSTIC, MK 58 DWES FY 2002	179	1351.94	NSWC CRANE	Oct-01	CONTRACT	HI-SHEAR TECHNOLOGY CO	Jul-03	Sep-06	YES	
FY 2003	2060	1351.94	NSWC CRANE	Oct-02	CONTRACT	HI-SHEAR TECHNOLOGY CO	Jul-03	Sep-06	YES	
FY 2003	321	1452.70	NSWC CRANE	Oct-02	CONTRACT	HI-SHEAR TECHNOLOGY CO	May-04	Mar-07	YES	
FY 2004	1074	1452.70	NSWC CRANE	Oct-03	CONTRACT	HI-SHEAR TECHNOLOGY CO	May-04	Mar-07	YES	
FY 2005	61	1431.20	NSWC CRANE	Oct-05	CONTRACT	HI-SHEAR TECHNOLOGY CO	Jan-06	Mar-07	YES	
FY 2007	1225	1547.45	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Oct-08	NO	Jul-06
REMOTE FIRING DEVICE, MK 64 MOD 0 DWFD FY 2005	5248	59.89	NSWC CRANE	Jun-05	CONTRACT	SHOCK TUBE SYSTEMS, INC	Sep-05	Sep-06		
FY 2006	9000	65.92	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	
BREECH PLUG ASSEMBLY, TITANIUM DISRUPTER DWFL FY 2005	1660	111.77	NSWC CRANE	Feb-06	CONTRACT	UNKNOWN	Oct-06	Oct-07	YES	
CAP, BLASTING, ELECTRIC, MK 17 MOD 1 DWFP FY 2004	18000	59.38	NSWC CRANE	Jul-05	CONTRACT	UNKNOWN	Feb-06	Feb-07	YES	
FY 2005	23650	60.40	NSWC CRANE	Jul-05	CONTRACT	UNKNOWN	Feb-06	Feb-07	YES	
FY 2007	25750	69.90	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06

D. REMARKS  
  
NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2006			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000				SUBHEAD A1AJ	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AJ100 CONTINUED										
DET CORDS, CAPS & FUZES CAP, BLASTING, ELEC, INERT M098 FY 2006	4000	7.86	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Feb-07	YES	
CAP, BLASTING, NON-ELEC, M7 M131 FY 2005	35000	4.58	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Feb-07	YES	
CORD, DETONATING, PRIMACORD, PETN M456 FY 2003	912000	0.33	JMC ROCK ISLAND	Oct-04	MIPR	ENSIGN BICKFORD SIMSBU	Jun-05	Mar-06	YES	
FY 2005	92000	0.42	JMC ROCK ISLAND	Oct-04	MIPR	ENSIGN BICKFORD SIMSBU	Jun-05	Dec-06	YES	
FY 2005	1000000	0.43	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Jun-06	Jan-07	YES	
FUZE, BLASTING, TIME M670 FY 2004	204000	0.23	JMC ROCK ISLAND	Oct-03	MIPR	ENSIGN BICKFORD SIMSBU	May-04	Dec-05	YES	
FY 2005	440000	0.23	JMC ROCK ISLAND	Oct-04	MIPR	ENSIGN BICKFORD SIMSBU	Sep-05	Jul-06	YES	
FY 2005	400000	0.23	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Feb-07	YES	
SQUIB, ELECTRIC, MK 20 MG61 FY 2006	17000	71.67	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	

D. REMARKS  
  
NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

**UNCLASSIFIED****BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)**

Weapon System

A. DATE

**February 2006****B. APPROPRIATION/BUDGET ACTIVITY****PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1****C. P-1 ITEM NOMENCLATURE****PYROTECHNICS AND DEMOLITION MATERIAL****BLIN: 034000****SUBHEAD****A1AJ**

Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AJ100 CONTINUED										
DET CORDS, CAPS & FUZES										
RADIO FIRING DEVICE (RFD) MK 186 ML06										
FY 2002	97	17181.93	NSWC CRANE	Oct-01	CONTRACT	ROTHENBUHLER ENG	Aug-02	Nov-05	YES	
FY 2003	24	18390.00	NSWC CRANE	Jun-05	CONTRACT	ROTHENBUHLER ENG	Jul-05	Dec-07	YES	
FY 2004	52	16939.42	NSWC CRANE	Oct-03	CONTRACT	ROTHENBUHLER ENG	Jan-05	Feb-07	YES	
FY 2005	64	19108.44	NSWC CRANE	Jun-05	CONTRACT	ROTHENBUHLER ENG	Sep-05	Dec-07	YES	
FIRING DEVICE, MK 59 MN44										
FY 2000	754	760.19	NSWC CRANE	Oct-99	CONTRACT	AMTEC	May-01	Dec-05	YES	
FY 2005	103	760.19	NSWC CRANE	Oct-04	CONTRACT	AMTEC	Apr-05	Dec-05	YES	
DET, NON-EL, 50' DUAL, MK 153 MN51										
FY 1998	7482	54.83	NSWC CRANE	Oct-97	CONTRACT	ENSIGN BICKFORD SIMSBU	Aug-99	Nov-02	YES	
FY 2005	138	54.83	NSWC CRANE	Oct-04	CONTRACT	ENSIGN BICKFORD SIMSBU	Jan-05	Apr-05	YES	
FIRING DEVICE, MK 62 MN81										
FY 2006	2930	1250.00	NSWC CRANE	Nov-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	
CUTTERS & CARTRIDGES										
BOLT, EXPL, MK5/0 M254										
FY 2005	48	10500.00	INDIAN HEAD	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES	

**D. REMARKS**

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		A. DATE February 2006		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000				SUBHEAD A1AJ	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AJ100 CONTINUED										
CUTTERS & CARTRIDGES CTG, IMPULSE, MK 148 M663 FY 2006	100	466.78	INDIAN HEAD	Oct-05	CONTRACT	UNKNOWN	Apr-06	Jun-07	YES	
CARTRIDGE ASSEMBLY MC91 FY 2005	100	1400.00	INDIAN HEAD	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES YES	
CTG, 50 CAL BLANK, ELEC, MK209 SS01 FY 2006	22000	59.56	NSWC CRANE	Nov-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	
FY 2007	10000	68.83	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
SHOCK TEST CHARGES CHARGE, SHOCK TEST, 60 LB XW65 FY 2005	205	1527.15	NSWC CRANE	Oct-04	CONTRACT	NSWC INDIAN HEAD	Nov-04	Nov-05	YES	
FY 2005	320	1484.95	JMC ROCK ISLAND	Oct-04	MIPR	CRANE AAA	Mar-05	Jan-06	YES	
FY 2006	550	1111.65	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Feb-07	YES	
FY 2007	550	1264.14	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Jan-07	Jan-08	NO	Jul-06

D. REMARKS

NOTE: All items shown are priced with available GFM.



**BUDGET ITEM JUSTIFICATION SHEET****P-40****DATE:****February 2006**

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1****040000, AMMUNITION LESS THAN \$5 MILLION**

Program Element for Code B Items:

Other Related Program Elements

	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
Quantity												
Cost (\$M)	\$14.7	A	\$5.5	\$3.1	\$1.2	\$3.2	\$3.2	\$3.3	\$3.4	Cont	Cont	

**MISSION DESCRIPTION:**

This funding line provides for the procurement of both Marine Location Markers (MLM) and Aircraft Parachute Flares (APF).

MLM's include both air-launched and hand-launched pyrotechnic devices. The aircraft launched units visually assist in the location of sonobouys during anti-submarine operations. The hand launched units are used in a variety of situations to include Search And Rescue (SAR) operations, Man Overboard drills and Target Marking. The MK 58 was designed for day or night use in any condition calling for long burning, smoke and flame reference-point marking on the ocean. It produces yellow flame and white smoke for 40-60 minutes which is visible for at least three miles under normal operating conditions.

Paraflares are free-falling flares designed to illuminate areas (either in visible or non-visible light) for strategic battlefield operations. The LUU-19 flare is a non-visible illuminating flare used for nighttime battlefield illumination, drug interdiction and rescue missions. It can be deployed from aircraft wing-mounted racks, hand launched or from the SUU-25 launcher. The LUU-19 was developed to work with Night Vision Goggles. This enhances dramatically the capability of the U.S. Marine Corps to conduct covert night operations while eliminating the bright illumination that radiates from other flares.

The current budget profile provides funding for support efforts (PES, ILS), procurement of non-standard items, and renovation components to support procurement.

FY05 includes \$2.35M of supplemental funding.

**P-1 SHOPPING LIST**

CLASSIFICATION:

**UNCLASSIFIED****BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS**

DATE:

**P40-A****February 2006****APPROPRIATION/BUDGET ACTIVITY****P-1 ITEM NOMENCLATURE****PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS****040000, AMMUNITION LESS THAN \$5 MILLION**

Procurement Items	ID Code	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
MK58 MARINE LOCATION MARKERS												
Quantity	A	19,990	7,087	6,529	1,686							
Funding		6,270	2,170	2,612	688							
LUU-19												
Quantity	A		2,438									
Funding			1,950									
Other Costs		8,415	1,351	503	509							
Total P-1 Funding		\$14,685	\$5,471	\$3,115	\$1,197							

**P-1 SHOPPING LIST**Columns may not add due to rounding  
DD Form 2454, Jun 86

ITEM NO 16

CLASSIFICATION:

**UNCLASSIFIED**

(Exhibit P-40, page 2 of 2)